HULL FISH MERCHANTS

**PROTECTION** 

**ASSOCIATION** 

LIMITED

ALBERT DOCK --- HULL

supplies of all

types of fish

MR. S. ELLERINGTON (President) 0482 24840

MR. J. BURTON (Secretary) 0482 28748

Advice on transport problems

given if required

Give us a ring and have a talk it.

you are not happy with your present

parchase all types of liferaft, date of manufacture, make, and last service please. Liferaft Servicing Co. 14 Chapel Road, Tiptree, Essex Telephote: Tiptree (1921) 815549. WANTED, Hydraulic pot lauder, 18 Brough Street, Derby, telephone: Derby 361139. WANTED, Two secondhand tranmel nots 4in, inner, Telephone: Obs 585 263 Satorday or Sanday.

HULL STEEL CRAFT

"THIRTY

30ft x 10ft. steel boat, includes boll

engine beds, steel deck and wheelhouse floor bearers, sterntube and rudder

Available with choice of forward of

3mm (huli thickness) version ...... £1650+

5mm heavy duty version ......£1985-%

wheelhouse.

HULL ONLY AVAILABLE

HULL STEEL CRAFT

ALBERT DOCK EAST, HULL

Telephone Hornses 2409

WANTED, Propeller 33in, x 37in x 24in, rch. For sale propeller 36in, x 22in, x 27in, 1 h Telephone; 021 373 0756 (Birmargham).

WANTED. Secondland prawn reels with or without ropes, also terrograph echo sounder. Telephone

GOOD buyer of muslity noback

LIFERAFTS wanted, we purchase all types of liferaft, date of manufacture, make, and last service please. Liferaft Servicing Co. 14 Chapel Road, Tiptree, Essex. Telephone: Tiptree [1912.1) 8155-49.

catch disposal arrangements.

BRIT constant wanted, and tion M. Trutt, & Barnes I. Eustinery Park, Bournems telephone: 55076.

ESTABL (SHED angling dr and pleasure boot husiness noti-coust, modern GRP bost, exciler ymore bookings for 1977, Price)

BUSINESS

FOR SALE

WANTED for 53ft. MFV yacht | Carrier Volt Collin Schippens

**DELIVERIES** 

FOR HIRE

WANTED

EYLES MARINE SERVICE for

4 to 20 man liferafts. DTI Botti bonts. Liferaft Hire Co., 14 Chapel Road, Tiptree, Calchester, Essex CO5 ORA, Tiptree 815549.

Serial Disch 4 at 1;002ES

dist aver intoppe

if h hundry/5650

9 1 1 1 5 14 15 197 Acres



# Official and Classified **ADVERTISEMENTS**

Continued from Page 19

SITUATIONS VACANT

Torry Research Station, Aberdeen

# Second Mate Marine Staff

... to serve on the 'GA Resy' which is a 69m stern freezer trawler engaged mainly on experimental work relating to the handling and processing of fish caught, on a semi-commercial scale, by conventional bottom and mid-water trawls. Dutles include assisting the First Mate in managing deckcrew, supervising fish catching and factory deck operations, and meintenance and repair of gear. The successful candidate will also act as relief First Mate and undertake watchkeeping

More information about the work can be obtained from Mr. J J Waterman at the Torry Research Station, telephone Aberdeen (0224) 877071.

Candidates (aged at least 23) must hold a Second Hand's Full Certificate of Competence and should have trawling and watch keeping experience.

Salary, starting at £4565, rises to £4810 pa. A uniform allowance of £60 pa is also payable. Non-contributory pension scheme and promotion prospects. Leave allowance of 7 weeks and 1 day a year plus public and privilege holidays. For further details and an application form (to be returned

by 18 April 1977) write to Civil Service Commission, Alencon Link, Basingstoke, Hants, RG21 1JB, or telephone Basingstoke (0256) 68551 (answering service operates outside office hours). Please quote T/9434.

ASSISTANT HEAD

KEEPER

isle of Lewis to assist in Manag-ing Fishing and other activities.

Experience in salmon fishing and

ability to handle boats is essen-

tist. Theuccessful applicant would

be required to take up his duties

by the beginning of May and a good modern house is available for his use. Applications giving details of experience, ability, age etc., should in the first instance

be sent together with reference:

to the

Malvilla Crescen 7NA.

Secretary, Grimersta Estate,

reguland by Grimerata Estate

Ministry of Agriculture, Fisheries and Food

QUALIFIED captain / skipper to command small survey craft departing soon for Mediterranean, good salary and excellent prospects. Telephone D. L. Gough 01 940 6918. This vacancy is only due to illness and is permanent, an immediate start is

WANTED experienced cer-tificated skipper for well founded shrimp beamer/trawler for Mom-basss. Contract for six or twelve months, good pay and condition. Box No. 532.

EXPERIENCED certificated skipper for well founded Scottish built 60ft. trawler/mid water and side trawling, south western area. Telephone 0579 62710.

ENGINES FOR SALE

VIKING MARINE INTERNATIONAL are now offering 23-220 horse power

**GUARANTEED MARINE DIESEL UNITS** FORD - BMC - CUMMINS

HIGH-QUALITY MARINISATION PARTS ALSO AVAILABLE

> For fast, courteous, service contact: V.M.I. Plain Road, Folkestone, Kent Telephone: 57127 - Telex: 965281

PERKINS marine diesel V2.95M, list No. 24962, brand new, complete with instrument panel. Can be seen at North Sea Marine Rig Services, 29a Ugie Street, Peterhead. Telephone: Peterhead. 4567/6586. Current list price x1,675 two/three months delivery. From us it's ex-stock and 10% discount.

**6LW** Gardner, 2:1 reduction, 1,750. Six cylinder Ford, £850. Felephone: Torquay 27278.

THORNYCROFT 240 complete with Borg Warner TC 73 velvet drive 3:1 reduction gearbox, £775, telephone Trebetheric 2507.

PETTER 16.4hp 2:1 reduction diesel, recent overhaul, new top half and bearings, £400, 77 Stockdale Gardens, Deal, Kent, telephone: 2419.

CAT, engine new model D333 No. 66D5L04 RPM 2200 hp 200 complete with Twin Disc power take off spec. No. 33593 B31012 No. 2R 6914 and radiator. Telephone Canterbury 64782, price \$3,500 plus VAT.

NEW and reconditioned BLMC 1.5, 1.8, 2.2, 2.5 new and recon-ditioned 4D, 6D and D400, D800 new PRM gearbox to each unit. Diesel Marine, Riverside Estate, Brundall, Norfolk NR13 5DL. Telephone-Norwich 112341.

WANTED: Crab claws and winkles, boiled or alive Live lobsters. Box Na. 377. BAUDOUIN DNK 6 160hp we maintained including storn genr. Air cooled Deutz 15hp driving reduction gearhox and capston. Offers. Felcuhone: Salcombe 3142 or 2497. smoked, wet, tilleted or whole Telephone: Gransby 50554.

200hp 300rpm B & W Alpha diesal, four cylinder two stroke, built 1948 in class B,V. Can be seen running c/w air compressor, air bottles and many spares and tools, £2,850 or offer for quick sale telephone: Favershom

New Caterpillar

D343TA marine

propulsion engines

(440hp INT. 360hp CONT.) with twin disc MG 514 (4.5:1)

25% discount off manufacturer

List Price!!

HIPPISLEY ENGINEERING THE SHIPPON, HIGH BOSWIN PORKELLIS, HELSTON, CORNWAL Telephone: Stithans 478

GARDNER, Ford, BMC and LISTER LIP2 has been re-conditioned throughout and has a new mechanical 2:1 gearbox, is fitted with electric start, will p/x Lister engines over 20hp or W.H. Y. offers telephone: 0x41 280 248.

FOR SALE Four New CROSSLEY HRN3 Marine Propulsion Diesel Engines

240hp at 370 RPM, direct reversing, three cylinder, bore 10-jin, x stroke 13-jin, etr start. Each angine is complete with all ancillery equipment including Michell Trust Block, built-in sir compressor, water pump, blige pump, etc., etc. Adequate supplies of new spare parts are evaluable at extra cost. Price each unit £8,250 FOL ex warehouse. Each unit is packet in original

makera case. For further information please write or phone: K. BRANUM & CO. LTD., Grove House, 551 London Road, Isleworth, Middx. Telephone: 01 550

## OFFICIAL NOTICE

TWO MARINE ELECTRONIC OFFICIAL NOTICE

SERVICE ENGINEERS Depth Recorders, etc.)

Plymouth/Torbay

Falmouth/Penzance

Expanding West Country Division of well known South Coast based organisation now under new management.
Service and installation on small commercial craft, fishing vessels and yachts.

Preference given to applicants with knowledge of small craft and who enjoy working on their own initiative with a small unit and able to communicate equally well with fishermen and

Curriculum Vitae in strict confidence. (No references or present employer contacted without your authority). General Manager

General Manager

BEABOURNE ELECTRONICS LIMITED

27 Southside Street,

The Barbisan, Plymouth

of Lowestori, Official Number 184925 of gross tonnege 263.97, of registered tonnege 82.02, heretofore owned by the White Flah Authority of Sea Fisheries House, 10 Young Street, Edinburgh EH2 4JQ for permission to change her name to "MARTINIQUE" to be registered at the port of Lowestori in the seld new name as owned by Dagon Fishing Co. Ltd. Any objections to the propused change of name must be sent to the Registers General of Shipping and Seemen, Liantriesh Road, Liandaff, Cardiff, within seven days from the appearance of this advertisement, Dated at Lowestoft this 7th day of March 1977.

Signed: G. D. Cleridae. Signed: G. D. Claridge, Managing Director

## SERVICES

PROPOSAL TO CHANGE A SHIP'S NAME I, G. C. Claridge of the Dagon Fishing Co. Ltd. 65 Castle Street, Luton, Sed-fordshire, hereby give notice, that in consequence of change of ownership, I have applied to the Department of Trade, under section 47 of the Merchant Shipping Act, 1894, in respect of my ship THESSALONIAN of Loweston, Official Number 184925 of gross sonners 253.97 of recitated

Published by Arthur J. Heighway Publications Ltd., 110 Fleet Street, London, EC4. Printed by Derby Trader, Newspaper Ltd., Heartor Gate Industrial Estate, Heartor, Derbyshire

types. Stability oajoulations HELSTON 4080

REFRIGERATED **GROUPAGE TO** EUROPE

Davild J. McPherson. EUROPEAN TRANSPORT. Abbey Lane, Pity Me, Durham Tolophone: Durhon 5961? pr 88612. Tolox: 527188

Denis Swire C.Eng. F.R.1.N.A. 1 Sunset Gardens, Porthleven, Cornwall Specialist designer of fishin

Surveys and valuation.

EAST COAST DIVERS St. Antrews, Telephone, 3720 — for all under water work.

Wa can offer weekly refrigerated groupage transport for your fish from all parts of the United Kingdom to all parts of Europe.

# 

Salabetalle Stille: अर्थहरी (स्ट्रासहार)

· minimikeitingi 142.

OUTSETPIL STAPPETS. SAPESIAY

URGENT ACTION by the EEC to get the Common Fisheries Policy (CFP) settled by June and deferment of a move by Faroe to introduce drastic conservation Require regular measures. This was the good news from Minister of Agriculture, Fisheries and Food, John Silkin, in the House of Commons last week. On other negotiations of importance to British fishing — including Iceland — Mr. Silkin was unable to offer any encouragement. He also gave a warning that the initial position being taken by the Faroese government "does not give grounds for optimism"

The Minister came under tion of new measures, there is attack from Opposition a prospect of a settlement. spokesman on fishing, John If the Farcese agreement is

sultations, and as long as they Faroese vessels in Scottish Ministers aimed to reach a to facilitate the development receding decision on the CFP by the of the fishing industry of the The Co

March 25, 1977

Peyton, for signing a fully implemented, fishing by agreement prior UK vessels in Farocse waters to the start of talks between will be totally uneconomic, is aware of the dangers of a that discussion had taken Silkin.

Faroe and the EEC. said Alick Buchanan-Smith mounting desire to take place to establish catch While urgency might be should be allowed.

Although he was not optimistic about the initial position of the Faroese governwhat counter proposals Mr. against us.

Although the faroese governwhat counter proposals Mr. against us.

Although the faroese governwhat counter proposals Mr. against us.

Although the faroese governwhat counter proposals Mr. against us.

Although the faroese governwhat counter proposals Mr. against us.

Although the faroese governwhat counter proposals Mr. against us.

Although the faroese governwhat counter proposals Mr. against us.

Although the faroese governwhat counter proposals Mr. against us.

Mr. Silkin replied that he end of June, Mr. Silkin added Irish Republic," said Mr. disparity of views about the

Est. 1913

New regime urgent

tion of the Faroese govern- what counter proposals Mr. against us.

tensive areas of EEC waters. dustry, leaders in Norway see which may be caught as a byment, Mr. Silkin said that as Silkin had put forward con- In announcing that the "One of the objectives of this prospects of an agreement catch while industrial fishing the country point. The EEC council of Agriculture temporary measure would be with the Community for Norway point. The EEC

have to be fixed on a un-ilateral basis.

John Toft, chairman of the

Norwegian Fishermon's Association, said earlier this month: "The EEC's handling of the fishery problems up to now is not calculated to creat confidence. Unless a decisive breakthrough in the relationship between Norway and the EEC is achieved at the next crossroads, Norway should seriously consider fixing its own quotas.

"Time is running out".

The North Sea is the present tocus of attention. Fisherics Director, Knut Vartdal, has said that lorway and the EEC have 'strongly different views on egording which tish stocks in the North Sea are consison to the whole area and how they are distributed between the zones. There is also a great

has proposed 20 per cent from The Commission's inept April I, compared with 25 per handling of the whole matter cent now, while Britam is prehas provoked some caustic ing only 10 per cent. A limit comments. As far as of 10 per cent would make in-reciprocal fishing rights are dustrial fishing impossible, concerned, there is a feeling says Knot Vartdal, but



Mate John Hughson and engineer, L. Polson, hold up some of the catch of "pout" taken off Shetland by Langdale.

boat, made a test fishing trip last week to show the extent to which foreign fishing fleets are sweeping Shetland's grounds of mature fish.

Langdale made a two-hour tow on the grounds off Balta, at present being heavily fished by foreign boats, using a 16 mm pout net. Of the six tons she landed about one ton was pout — and the remainder fish suitable for human consumption This is 500 per cent "by-catch".

Said the manager of Shetland Fishermen's Association, George Hunter: "These foreign boats can take what they like from the Shetland grounds at a time. Shetland grounds at a time when the Government speaking about haddock being in danger. when the Government is How goes the

ment propose to monitor its new order limiting the bycatch to 20 per cent?
"When one of these boats has been at sea for nine or ten days the catch is like soup and there is no way of saying

or whiting, or anything else has gone to make it up.
"The only thing that can eliminate this is an exclusive 50-mile limit for Britain, so that we can work out our own

plan of conservation. "We have written to the any effect. We can only hope to attract as much attention as we can. We must have a 50-mile limit if Shetland is to be left with a fishing industry."

Shell is catching

Shell marine oils are as much a part of sea as these kits.

Britain's top trawlermen rely on Shell to help them bring home a consistently fine catch. And once in port, they look to Shell government and everybody catch. And once in port, they look to Shell else we can think of without again for the on-the-spot servicing today's rawlermen need.

At Grimsby, Lowestoft, Fleetwood,

Hull and Aberdeen. Shell are the main bulk oil suppliers. Elsewhere, they're ready at the dockside of every major fishing port. · Ryen while you're at sea. Shell technology is on call. Extensive research facilities are there to help you.

With so much at stake, it pays to pitk Shell.

SHELL MARINE LUBRICANTS

# in Norway that time is run- Norway is willing to accept 20

BOSTON SHIPS OFF

couraging experiment aimed at increasing the AFTER the three deckhands each received 56- cd, Boston Phantom was torc catch rate of Norway Boston ships' dis- day suspensions for refusing ed back to Grimsby. lobsters and flat fish are contained in the latest edition of the Scottish Sea Fisheries Bulletin, No.43.

The experiments, which have been carried out by Aberdeen's Marine Laboratory have lead to the story of the

Laboratory, have long voyages demonstrated that by using East Greenland. an electric stimulus the

and Boston Concord.

Both Greenland trips were scheduled to start this weekend, with cod the priority catch in these difficult waters.

The third Newfoundland trips and boston Concord.

Both Greenland trips were scheduled to start this weekend, with cod the priority catch in these difficult waters.

The third Newfoundland trips are the catch rates and boston Concord.

Both Greenland trips were scheduled to start this weekend, with cod the priority catch in these difficult waters.

The third Newfoundland trips are applied to the priority catch in these difficult waters. the catch rates can be increased. Experimental trawling was carried out with electrified gear but, as the Norway coast.

method was not selective in Meanwhile, Volesus and its establing there could be a Philip have been to the process of the proc

In another article in the Bulletin, Dr. J. R. Sargent, of the Institute of Marine owners, the company is the possibility of the po skippers in the area in 1975 Boston Deep Sea Fisheries' committee which approved

have long voyages to look out for blue ling. the distant water grounds.

Vusing East Greenland. After three hauls the men The vessel is scheduled to

This is seen as the only demanded a guaranteed settl- leave Grimsby for the Boston Phantom lobsters can be forced to leave alternative to laying them up ing and, when this was refus- Westerlies this week. to flee from the electrified and Boston Concord.

method was not selective in the prince Philip have been switched from distant waters sidering the possibility of switched from distant waters sidering the possibility of the sounds ridiculous, the Longst waters waters sidering the possibility of the sounds ridiculous, the Longst waters waters waters waters sidering the possibility of the sounds ridiculous, the Longst waters wat

Biochemistry at Aberdeen, attempting to be very processors.

.....

The Government is con- Kingdom bonts. and various tests on samples Boston Phantom, the trawler orders to implement the sidering the offect of existing Douglas Henderson (Scot ton had apprehend of the water showed wax at the centre of the crewing North Sea herring ban. of the water showed wax at the centre of the crewing North Sea herring ban.

esther to be present.

Aberdeenshire) French trawler Daniel Composition of Nat. East Aberdeenshire After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

After agreeing to all the centre of the crewing North Sea herring ban.

carly.

The American Company of MEV which have been and order

and preserve the continuity of (Con. North Augus and offers a number of cautious over its cod catches Hugh Brown, under the markets that some good Mearns) emphasised the need suggestions as to why an area from the Norway coast and secretary for Scotland, men- and efficient firms have es- for 100 per cent certainty that of the North Sea off Aberdeen turned 'milky white'.

This sighting was reported by

the total and sectorary to Section, many and efficient firms have established, we even have to the order would be enforced consider importing herring against foreign hours as effectively as against United. tively as against United The incident happ?

Secretary of State (Mr. they must look at job opport to get the co-operation of British port, the Millan) met a deputation on tunities and investment in the fishermen in reporting trawler made of for Ba February 3 consisting of herr-processing industry. suspected violations of limits with a Navy officing catchers, buyers and Alan Beith, Liberal MP for or other fishing orders. There taking aboard. suspected violations of limits with a Navy officer." rocessors.

Berwick upon Tweed, appent- was an opportunity for the "The pertinent point that ed — but got an unsym- Government to get thousands Berwick upon Twood, appeal- was an opportunity for the emerged was that, in order to pathetic response from the of unpaid servants who would keep the processors working, minister — for special con- he delighted at the chance,

Brinton gave chase

the Channel after HM

Port to for mon

NOW setting out

meet-the-fighermen.

industry sub-comb

the fishing porte ser

Marshall, Labourn

tionle, said that it day useful to see her

witnesses had strong to

the topics the comming

All this, of course to

chairman,

The committee willing ing formal evidence

Having taken es during the winter, man London, the MPs are;

worth over £40,000.

on February 1, but we have been particularly pleased

LOWESTOFT'S year-old

fleet earnings record was broken on Monday when

the side trawler Oulton Queen landed 603 kits to

make £17,474.

Oulton Queen, owned by Talisman Trawlers and

skippered by A. Hutchinson,

was at sea for 11 days on the

Dogger Bank grounds. Her catch included 339 kits of plaice, 235 kits of cod and 18

"It was a good outcome to the trip," said Michael Hep-

ton, a director of Talisman

Trawlers and salesman for

has tished from Lowestuft

The 1201t, Oulton Queen

kits of prime fish.

All three Navy man released in Boulogue on a terry back to Ex They were able to repe

Quest, bought early this Quest on Monday but, inmonth by the Christenson stead, agent Sam Chapman & Fishing Co. Ltd. of Co. Ltd. changed plans and registored by the Bris Grimsby from owners at brought her landing forward day, this week, been no reply. landed her maiden trip. The 43 ton vessel has a at the port four days Deutz 214 bhp, air cooled,

12 cylinder main engine, the THE IRISH trade She had to cut short her only one of its kind in a Mairead is reported, shing and head for her new tiringly sciner. home port at short notice. After encountering some blazo which started whon it was made known that terrible weather soon after vessel was fishing is there would be no Monday leaving Esbjerg and then market this week because of very slack fishing she

the lumpers' one-day token made \$1,907 from 52 kits.

# 1,000-ton start fishing from Penzance the new 80ft. Lowestoft stern trawler Boston Sea Ranger has caught 1,000 tons of mackerel The manager at Penzance for Boston, Hugh Sims, said that when the trawler returns for Boston, Hugh Sims, said that when the trawler returns to Lowestoft she will have a precautionary examination because she has had to sit on cause she has had to sit on the harbour bottom instead of

being afloat.

"Boston Sea Ranger has done very well," Mr. Sims commented. "She only came When you have a capital has ended. investment of £1m. in a Mr. Sims said it has been Northern Ireland.

investment of £½m. in a vessel, brand new in Movember, and brought to Cornwall for the mackerel season straight from the builders, it's good to have that kind of reward from the vessel."

However, the fleet of about ten trawlers moored at the more than a week since a fleet of eight vessels had caught any fish.

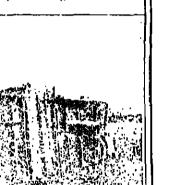
"We have been quite happy with what we have achieved this season. But it would have made life a lot easier if we had the dock gates working," said Mr. Sims.

Penwith District Council has been trying to put the over when the boats go out."

If the mackerel has gone, order for several weeks and

part were last week waiting. If the unckered has gone, order for several weeks and for the southerly storms to then the vessels will go on to has spent a large sum on the case before putting to sea to their home ports, five to job.

Grimsby, Lowestoft and



SAILOR marine radio

# SAILOR 55 **CHANNEL VHF**

Carolyn House, Dirigwall Road Croydon CR9 2x1 Tel 686-5361

SP Ratio Albert Street Grimsto

S.P Radio 8 Howard Street Edinburgh Scotland Tel 556-3659 S.P. Radio

Woulsons Ltd

Goval House, Dyce Abandoon fol Dyce 2884

# fishing news

Harry Barrett Assistant Editor:

Advertisement Director: Fred Purssell

Managing Director:

Advertisement Manager:

Ann Dunsford 75-77 Ashgrove Road, Ashley Down, Bristol BS7 9LW. Tel: 0272 425711

Published weekly

£8 per annum

£8.50 overseas

Circulation:

Postal subscription rate:

Registered as a newspaper at

110 FLEET STREET, LONDON EC4A 2JL, Tel: 01-353 6961

CONSULT THE EXPERTS

# **BROWN & PERRING** (INSTRUMENTATION) LTD

THE TOP FISHERMEN DO. FOR —

ATLAS FISHFINDERS

## and MARINE RADAR EQUIPMENT

The Brown and Perring 075 Autopilot - Sallor MF: HP and VHF Radio telephones - Electronic Laboratories and a range of Furuno radar and echosounders - Entertainment systems, in fact all your Marine Electronic requirements.

Head Office Brown and Perring (Inst) Ltd 7 St. Botolph Street, ondon EC3A 7DT

Northern Region Office Brown and Perring (liet) Ltd 711, Gt. Western Rodd, Glasgow G12 BOX Tel: 01-283 1688 Tx: 884684 Tel: 041-334 2286 Tx: 778613

SALES AND SERVICE THROUGHOUT THE U.K.

# The crow had we off and the veel off and the veel fishing in the North Sea and on the middle water grounds, the supply position could have been very difficult but for overland fish and merchants' frozen imports. There was, however, why he had said that the Fishing News article of Fubruary 25 was misleading. The crow had we water fish on two successive days. Water fish on two successive days. Coupled to very poor fishing in the North Sea and on the middle water grounds, the supply position could have been very difficult but for overland fish and merchants' frozen imports. There was, however, while Spurs included 665 sian with Sir Thomas Robin-kits of coley on top of 1,000 bits plus of cod. BUT's Northern Reward (Skipper Wally Harris), in Mads seiner honours there were after a very slack week were aplit fairly evenly horway coast trip, had a real mound the various agencies. There was, however, should be a sign with Sir Thomas Robin-kits of coley on top of 1,000 bits plus of cod. BUT's Northern Reward (Skipper Wally Harris), in Mads seiner honours there were after a very slack week were aplit fairly evenly horway coast trip, had a real mound the various agencies. There was, however, should be a sign with Sir Thomas Robin-kits of coley on top of 1,000 bits plus of cod. BUT's Northern Reward (Skipper Wally Harris), in Mads seiner honours there were after a very slack week were aft proposed cleaure of Preston Christensen commands Helvick for the bar. Quest - nine-day trip fishing Russians: splitting half

THE 58 ft. anchor-seiner It had been planned to hand

Esbjerg, Donmark, has to last Friday.

fishing and head for her new tiringsby seiner.

WITH THE interim pretations of the deal. agreement with the After the meeting of the Fishing N

With The Interim pretations of the deal.

Agree ment with the Russians running out the Russians running out shortly the setting up of long-term deal in long wrangle with Fishing into some big problems.

While talks are proving exwangle with Fishing was with offer the proving exwangle with Fishing into some big problems.

Their original report said that he for the statutory instruments cornalite in the House of Cornamic with the House of Cornamic wit

# Brucella scrapped

INSE TREE

since she was built about 15 J. MARR and Son's 23-year-old distant water trawler Brucella The previous highest gross- (above) is in the process of being broken up by Albert Draper and ing by a Lowestoft vessel was Son of Hull. She was built in 1953 at Beverley by Cook, Welton set up in February last year and Gemmell. Brucelle was the oldest side trawier in the Marr when St. Patrick grossed fleet at Hull. The company now has only three side trawlers. £16,873 with a landing of 925  $\mid$  Benella, Westella and Primella — and Primella has been laid up

Grimsby last week and Barnsley had almost 1,600 best for the vessel which there was no distant kits of codstuffs in her turnformerly operated as Rhodewater fish on two out, while Spurs included 665 sian with Sir Thomas Robin-

£17,904 grossing from Sando (Skipper Niel Bray) which in-cluded a nicely balanced mixed middle water turnout of ONLY four distant water White Seas/Norway coast cod, haddocks and coley in catches were landed at trip. her 613 kits. It was a career-

# Shrimp Trawls...

Since 1934 we have manufactured Scansively in the North Sea and Greenland. Our models feature long wings with aVu style wing ends and with two seams. The seams "Fladen model" also avail-

We have had the pleasure of delivering the IC SHRIMPTRAWL to the following bo-

"Fern" of Fraserburgh, "Coronata" of Fraserburgh, "Janeen" of Buckle, "Eschol" of Fraserburgh, "Falthfull" of Fraserburgh, -Star of Hope- of Fraserburgh, "Crystal River of Fraserburgh, "Heather Spring-of Buckle, "Scottish Maid" of Fraser-burgh, "Fragrant Rose- of Fraserburgh,

"Coronella" of Fraserburgh, "Ocean Trust" of Fraserburgh, "Bdellium" of Fraserburgh, "Courier" of Buckle, "Orlon" of Fraserburgh, "Wave Crest" of Buckle. "Elegant- of Buckle, "Golden Harvest« of Fraserburgh. We also manufacture the well known IC

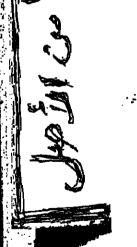
Rectangular Midwatertrawl (or Square). Pair or Single Boat White Fish Trawls, Pout Nets, Blackspruttetrawls. Write now for brochure and prices - sho

delivery time! Scotland: Contact your local Fishsaleman.

England: Gollop Trawls, Mill Green, Lyme Regis, Dorset.

# **IVER CHRISTENSEN'S** Trawl Net Factory Ltd.





## Children THIS IS OUR BUSINESS

Will you share in this ministry by sending a generous donation to Royal National Mission to Deep Sea Fishermen

## 43 Nottingham Place, London W1M 4BX

Chairman: Admiral Sir Charles Madden, Bt., G.C.B., D.L. Secretary: J. C. Lewis Esq., O.B.E., J.P., F.C.I.S.



95 years constant service to fishermen and their families

# **SERWINCH** LTD

Unit 18, St Michael's Trading Estate Bridport, Doraet DT6 3RR Telephone: Bridport 56232 **CAPSTANS** 

LINEWHEELS NET HAULERS PUMPS COMPLETE KITS

Reliable Power

Inshore Fishermen

Strong steel work boat 16'  $\times$  6' 6"  $\times$  2' — draught 5". Built 10 swp ( $\frac{1}{2}$ ") Mfld steel. Fore and aft buoyancy tanks.



E. S. J. Engineering Co. Island Street Salcomba, S. Devon.

Or inboard "Lister" powered

# **HYDRO-BLITZ** jetstream power washers

Our 1500 PSI model will clean hulls, decks, rigging and fishrooms. Also removes old paintscale, rust, salt and oil. Gets your cleaning jobs done better with less effort, less cost. And more

Petrol driven 1000 and 800 PSt models available. Prompt

W. J. Reynolds (Equipment) Ltd 99-105 Leytonstone Road, Stratford, London E15. Tel. 01-534 5768/9



# FISHERMEN'S MISSION METCHAITS hit out at lumpers' one day strike

Fleetwood and Aber- News that some had fish from make 148,919. deen markets were brought to a halt on Monday this week

planned closure of the local mand.

angry reactions from the port's fish merchants.

George Coulbeck, chair-man of the Grimsby Fish Merchants' Association, said the merchants were angry and frustrated over the umpers' decision to support the national call for the one-

He wished to make it clear association's transport scheme for distributing fish let pass without comment. on a UK basis was in no way Shields said that the Danes had

Billingsgate in particular.

the intermediate retall stage.

Billingsgate born and bred.

customers with their specialised needs.

becoming familiar with, such as *red snapper*.

Argentina and bear the local name besubo.

fin for working up to take-off speed.

being sold in West Indian settlements.

frozen stocks available for

part in a one-day token landed from Friday to Mon- coffin. Fleetwood can ill af- lishing marks and nursery day. However, about 1,800 ford yet another blank day. boxes of fish arrived overland "The recent supply situa-The strike was in answer to boxes of fish arrived overland national appeal from the on Monday from Bridlington tion has meant far more

distribution, but made heavy of the Fleetwood Fish losses in retaining normal ser-wices.

The insertmen will ask Bournemouth Council, through their MP, to reclaim the strike: "This is its sand. The sand is also said when lumpers took

At Hull there was no fish another nail in Fleetwood's to have killed off prime

Transport and General and some Scottish inshore blank days than we can af-Workers' Union over the ports which met a keen de- ford as a port - and now this! authority docks at Preston, Hamling's St. Gerontius by the strike so they will grab Lancashire.

was forced to land one day some fo Fleetwood's sion for work as a rigstand-ly angry reactions from the

# Drede blocks harbot

FISHERMEN Christchurch are to protest that sand dredged to build up Bournement beach has now been swept away by tides and

is blocking the entrance to Christchurch harbour.

THE Colne Group's Olivean a 254-ton trawler built in 1954, is likely to be renamed Mustique. The vessel is

SIR, in reference to the article 'Criminal fishing by the Danes' (Fishing News, February 18) reporting the investigation by the Trade and Industry Sub-Committee of the Commons that the suspension of the association's transport

BILLINGSGATE has not always been good at spot-

ting future trends and adapting itself to the demands

of the customer — as may be witnessed by the

depressingly small proportion of the total sale of fish-

fingers that are sold by the fish trade in general and

It is, therefore, nice to be able to point out one area in

which the market is endeavouring to keep up with the times

and, apparently, succeeding. This is in the supply of exotic

It may well be that the tendency of new immigrants to

seak accommodation among their already established

fellow countrymen served to concentrate their demands, or

it may have been that - being used to trading in open

markets at home — they gravitated to Billingsgate ignoring

While this may have caused resentment on the part of

Two Billingsgate wholesalers in particular have respond-

ed to this new demand. They are C. J. Newnes Ltd. and

Williamsons (Wholesale) Ltd. It is probably significant that

the people principally concerned in this trade are not

Jack Shiells, in charge of exotics for C. J. Newnes, was

an sirilne pilot and still files off around the world in search

of new species, or new sources of supply, that we are

And what is red snapper? There does not seem to be a

single species with this name, rather it is applied to various

spacies which have in common a mainly red skin, a steep

nose and a low-placed mouth, a very spiny fin on the back

and to have originated in the tropical or sub-tropical Atlan-

tic. Most red snapper arriving in Billingsgate come from

Particular ethnic groups naturally choose fish from their own home waters. Therefore, West Indians ask for flying

fine as long as its body with which to glide and a great tall

Surprisingly for a surface-living, fast swimming, apecies they seem to have very little fat in their make-up. West Africans are interested in *lithrini*, at least that is what it is

called in the market, probably because the original imports of this species were caught by Greek vessels.

Lithrini can be distinguished by their rows of coloured spots, mainly red, some blue and occasionally yellow.

Yellow stripes are the distinguishing features of golden thread muliet from Hong Kong, but the demand for these

does not seem to be confined to London's Chinese, many

it is interesting to speculate about the future of this

trade. Will the immigrants, as is the pattern in other times

and places, prosper and thereby increase their purchasing

power and with it their demands for the exotics? Or will

they in becoming more integrated, rejecting their traditional foods? This, however, would seem to be a problem for the future. The immediate one is finding supplies of the right

quality and price from a merchant you can trust half a world

the retailer, it did focus their attention on this new group of

fish — demanded by London's exotic citizens.

Billingsgate ustrial sides of the industry. If Mr. Crawford thinks back

> atch in a season. This is something the Danes have never been able to manage. But, maybe Mr. Crawford is afraid of treading on Norwegian toes because a few English trawlers are allowed to fish in Norway's

Leslie Cunnington of Brixham, Devan. He pointed out "the large Danish Government investment in the factories there". Where is "there"? It must be down in Devon the Danish Governmont has invested its money, because it certainly is not in Denmark.

# any subsidy of any kind to any

I think that it's about time that, instead of being enemies inside the Common Market the Danes and English started

the near future, we can avok the misunderstandings and doubts about the Danish fishing industry which I'm sur many fishermen in England have at the moment. David Hill. Representative for the

Esbjerg Fishermen's Organisation (crews).

marking a group of dangerous rocks near almost two miles from its charted position during recent gales.

It is one of Cornwall's most oll-known soamarks, par ticularly to local fishermes who come around Lands End from the North.

Recent gales, with strong sen swells, have brought problems to Trinity House replacing the buoy, and !! Trinity House vessel Si Anyone who knows the least has been waiting for the

**EGERSUND** 

N-4370 EGERSUND, NORWAY

CONTACT US

FOR OFFER REGARDING

EQUIPMENT FOR

INDUSTRIAL-AND

BLUE WHITING FISHING

Telephone: Workshop (044) 91 895 - (044) 91 820

Kare Mong Private: (044) 91 681

Office: (044) 91 219

**Tralverksted** 

# Mr. Crawford obviously doesn't know what he is talk-

ing about when he makes such empty accusations. The Danes the fault of the trawler owners increased their fishing effort effort. In fact, the Danes are have not increased their fishing trying as hard as they can to nd other ways of fishing and for different kinds of fish both for the edible and in-

> ust one year, he may member there was an article n Fishing News about 10 or 12 large Norwegian vessels, which had caught as many sprats in one week as the whole North Shields fleet could

conomic Zone. The other thing I would like comment on, from the same rticle, is the statement by

hing about the Danish fishing | weather to moderate.

FLEETWOOD'S middle water record was smashed last week when the Boston Deep Sea Fisheries stern trawler Boston Stirling returned from the west of Ireland grounds.

She had 885 kits, including more than 500 of cod and pollock, 200 of haddocks, 65 f coley and 10 of dogs, to make £28.044.

Skipper Bill Bridge, who in recent trips has been working the Norwegian coast and White Sea, took his command to his old haunts on the middle-water grounds. After only 11 days he returned with

# Cales his landings

MILFORD Haven's trawlers had a rough ride last week with gales on the Irish Sea grounds which landed. They met the es on the Irish Sea grounds cing boats home with mainly all catches.

Too ship of the week was

Top ship of the week was Rosevear (Skipper Alex Simpann) which landed 131 kits for a grossing of £5.065. to good grossings.

The pocket trawler Boston Attacker, which were sold by Boston Deep Sea Craigmillar (Skipper John Jackson) had more than 75 year, are expected to sail from the port soon. On the same day Jadester

Glosy (Skipper Jim Brodie) made £4,400 from 121 kits. Between them the vessols had a total of 120 of cod, 20 of kits of the variety in her total a total of 120 of cod, 20 of kits of the variety in her total They are to go to the Continent to have refrigeration equip-whitings, 75 of roker, three of 106, which sold for £3,251. They are to go to the Continent to have refrigeration equip-ment fitted before sailing on to Monrovia in Liberia from turbot and brills, two of plaice and two of soles. On the following day,

Goorgina Wilson (Skipper Toin Smith) landed 58 kits, including 10 of cod, 15 of whitings, 30 of roker and of soles, which sold for £2,240. (Skipper Trevor Salter) making THE FORMER Irish-

£3.228 from 72 kits. E3,228 from 72 kits.

Fifteen of cod, 10 of Green Valley, converted into a pair trawler for the Bantry Fishing Co. Ltd. of and two of soles were the Grimsby, completed an vossel's main varieties.

the docks last week with the Grimsby last week. Princess Anne and St. Benedict bined grossing of £17,806



# excellent 16-day trip with with her — apart from a few techniques of white fishing in

On the same day Resilience | where they are to operate. They are now registered under the

(Skipper Don Bailey) landed Panamanian flag.

101 kits to make £2,365. | Boston Marander has now been renamed Lina, while

But it was hake which was Boston Attacker has been given the name Kathia

marvellous trip, a credit to new port high for the variety, quality fish and hake is at a the skipper and crew."

There was further cause for don Town landed a small

trawler Boston Explorer
(Skipper Bill Anderson)
Fish Selling Co. Ltd., and the quality. As long as it is good and Norwegian Coast grounds
with 1,377 kits, grossing
with 1,377 kits, grossing

Kathia and Lina, the two ex-Boston ships.

year, are expected to sail from the port soon.

satisfaction in Fleetwood's quantity and this went up to

Boston section when the side 1113 a kit.

£38,638 — a new record for a

Her catch consisted mainly

of cod, but there were also

more than 100 kits of quality

grounds helped some vessels

It was a different story for

vessel of her class.

haddock included.

There was extra activity in her partner Paul Antony at minor problems, which we Mohave and Searcher and, The team made a com- plications at all."

port to officed mackerel into a rafrigerated vessel.

of carrying about 800 kits, fishlupe, was just on half-full with 396 kits which sold through the bhp Cate.

he had no regrets about mov-

who commands the former pair trawling.
rish-owned Green Velley In that time he has been gaining a mastery of the Irish-owned Green Valley

soon got over, we had no com- also, put in a few months with

with a total of 1,000 tons of from 696 kits, including over Buckie in 1969 for the mackerel. This was unloaded into a refrigerated vessel for 250 of cod, on the North Sea several years was one of Green Valley was built at mackerel. This is the second time these two freezers have been into the with a new fishroom capable a Simrad SK3 sonar and of carrying about 800 kits.

> Her main engine is a 425 Danbrit agency for just short of \$10.000. Skipper Roger Younger, a former deep water skipper with BUT, told Fishing News he had no recreate a suppose the pair quickly sorted this out.
>
> Paul Antony operates through the A. E. Richardson & Co. Ltd. agency.

ing down to the smaller Skipper Younger decided the vessels.

"I am more than happy regards distant water fishing Left: Skipper Roger Younger and he made the move into

# 'Stirling' smashes port's middle water record his record breaking trip. the most outstanding record He said: "The fish is going Dennis Bond, general breaker. On the Wednesday a to Bilsborough's wholesale manager at Fleetwood for kit from Andrew Wilson fish merchants at Preston. Boston, said: "It was a made more than £100 — a They are prepared to pay for

Radio Station with the most advanced synthesized techniques. previously used in military equipment.

present the

A STATE OF THE PARTY OF THE PAR Complies with all International Regulations, 400w PEP, FSK & CW capability, AC or DC

supplies, receiver tunable 10KHz-30MHz.

For more information contact

# **NECO Communications** Limited

**Neco Communications** 

FREEPOST, Enefco House, The Quay, Poole, Dorset, BH15 1XJ. Telephone. Poole 79894 Telex. 417295 (FREEPOST. NO STAMP REQUIRED)

# SALTRAM 24



K. R. Skentelbery & Sons Ltd. Saltram Developments, Laira Bridge Boatyard. Laira Bridge Boatyard, Pivmouth

TRADE ENQUIRIES WELCOME

### **BOAT BUILDING TIMBERS** Butts of Oak, Larch, Iroko and Oak Crooks all sawr

through and through to any thickness. Kiln dried and machined Yang Decking and Margins. Complete sets Oak frames bevel sewn to your patterns.

 Osto spruce poles for derricks, etc. Delivery to all parts Scotland, England and Ireland.

W. S. BARCHARD & SON LTD.

WEST DOCK STREET, HULL Tel: Hull 0482-25566 (5 lines) Telex: 52528

# 1 TON TRAWL WINCH



Green Valley is his first command and with Skipper Frankie Josefsen of Paul An-

tony already one of

Grimsby's most adept pair skippers, the new partnership

could be one of Grimsby'

r Guide-on gear fitted as standerd

k Large capacity drume 8mm wire 320 fathoms 10mm wire 250 fathoms

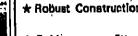


KERNICK ROAD, PENRYN, CORNWALL Telephone: Pouryn (0326) 73423, Telex: 46489



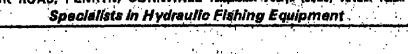






Full details from SPENCER-CARTER LTD.







range of echo sounding

recorders has recently

been introduced by the

Marine Systems Division of Western Marine Electronics (Wesmar) in Seat-

One feature which makes

'memory circuitry' incor-

porated in them eliminates need for gears, voltage

regulators and speed

regulators, hitherto used in most transmitter/recorders.

Other features of note are

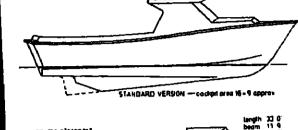
that they are unusually com-

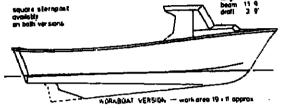
transducers; can have white,

The Wesmar chart recorder

WANTED for 536 MEV vicht better 18 200 TERRANGE

Moulded in GRP under Ideal conditions to exacting standards, the Lochin "33" hull and superstructures are truly versatile.





Designer: Robert Tucker, A.R.I.N.A. BARE HULL WEIGHT: 2,300 lbs. Approx. Part fitting out available. Details on request

AS SHOWN AT CATCH '75.

FAST . STABLE . SEAWORTHY The choice of professionals who know the

sea and demand the best.

MORRIS 🕯 Ton Trawl

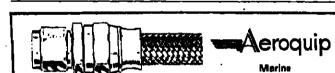


Hydraulic or belt drive. Standard drum capacity 120 fathoms of 11 in. wire. Larger capacity drums made to order. Suitable for boats 25ft. upwards.

Details from LESLIE G. MORRIS

40 CENTRAL AVENUE, TELSCOMBE CLIFFS, SUSSEX.

Tel. Day Newhaven 3484 Evenings Peacehaven 4601

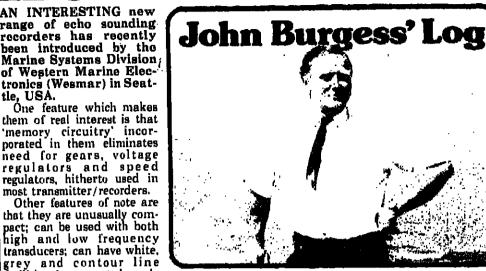


GOODRIDGE AEROQUIP

sydmultic oil, fust and water first sto, ighout the world on marine, industrial and aircraft applications, hose, flyings third lines are supplied from stock for all travelers and flahing craft, a receptionally high degree of protection against cornosion, high pressure and re. obsertion and abrestion — Aeroquip is a must for the flahermen.

GOODRIDGE (U.K.) LTD.

Sounder series SINKER MOULD from the USA



facilities incorporated - in a single instrument; can screens and show their slant

record on wet or dry paper; range. and can be used in conjunc- Full details about them will

ionglines.

is best to use a spade or a is lying head towards t fork, what is the best way of dimple in a U-shaped two digging them and how to keep between that cast and a them alive until they are put dimple. on the hooks?" ■ A big, broad-tined fork is forkful from the dimples

digging lugs.

Dimple

says about the procedure. You will see a dimple in the sand away from each cast. If you ing and that means your sink the fork a couple of in-

Also it is debatable wheth Plastic lobster creel it is prudent to give a sa warning of your presence rocking your fork backets

You are likely to be alter which seemed to be made entirely of plastic."

A plastic creel, identical in design to a traditional East in design to a tradi

CHOPPING knife 121 in. long found in stomach of giant skate landed at Oban. threaded on nooss, way as any is to was a substitute of them and put the clean sand to cover the state of the s

"CAN YOU help us will problem? We can locate a firm who supplies moulds for the ing 2, 3, 4 and 5 lb, h shaped lead sinkers "It you know of on,

should be grateful to h Either SpencerCon Cornwall, or Buckley Li Harbour Road, Briding North Humberside, archi to be able to supply your the moulds you want.

ANY QUESTIONS: IF YOU have any question about bosts, equipment pe or methods, John Burges, niways prepared to try a answer them if they are m

with a stamped address),

This indicates that a war

It you then remove.

necessary, drodge towards

cast, you should capture

Personally, I am not:

between

# tion with Wesmar sonars to record targets appearing on the latter's cathode ray tube son be obtainable from distributors of Wesmar sonars in this country.

and we propose to dig forwards, water will stan Scotland for permis- mediately, with the aim of nome for builting bubble from the cast, or sion to go ahead. another close to it.

"Can you tell us whether it

the best of all weapons for of the tunnel and,

Here is what one expert

sure that this technique always practicable to though it may be best theory. It is as likely as mit or mud about nine inches he raining when you are & see water bubbling from

til you complete scribb stories which appeared in our columns this week 50 years ago.

CHOPPING knife 121 in.

PROCESSING AND MARKETING

Fishing News quarterly supplement No. 5. March 25

# drying factory and pier planned for Breasclete, Isle of Lewis, by a Norwegian firm in partnership with the lighlands and Islands Development Board could be in operation

by spring 1978. The may also be a fish meal plant

The plant is expected to Salvesen Western Isles Council in the long-term. approved the planning application for the employ a full-time labour FOR LUGWORN

application for the development last week and the board has now applied to the lugworm beds near here rock it backwards a secretary of State for part we propose to dig forwards water will state the secretary of State for partial water will be secretary of State for partial water will be secretary as a secretary wate sion to go ahead.

The main species to be processed is white ling. As this fish is only available hetween a species to be installed during the winter.

The project, although April and

The Scottish Fishermen's after three years, with a max-imum of 7 500 tons.

The Scottish r isnermen s sur-Mer.

Organisation summed up by The ch

The bulk of the products viability of the project."
rom the factory are to be exThe Stornoway
Constr

from the factory are to be exfrom the factory are to be exported mainly to Scan-fishermen's Port Committee dinavia, Italy and Africa. It is states: "There is a strong Partners of Burton-on-Trent, Partners of Burton-onin Finland, which is both expensive and profitable. There

Turn to page 16 the UK.

imum of 7,500 tons.

The factory would be curing fish principally by drying, but with some element of salting. Specialised drying machines will be used.

The bulk of the products from the factory are to be available to the project."

Organisation summed up by saying: "It would seem to us that the project is a non-starter on the grounds of supply and other bodies, including the WFA, also have grave reservations about the grave reservations about the project."

Sur-Net The choice of Boulogne as a site reflects plans by DATAR (the French regional development agency) and the local Chamber of Commerce to develop the port as one of Europe's major frozen food

dinavia, Italy and Africa. It is states: There is a state also hoped to produce suspicion among Lewis lutefisk' from dried ling fishermen that the fillets. This is a delicacy in Norwegians will attempt to Sweden, and to a lesser extent gain access to our exclusive in Finland which is both ex-

between April and September, it is planned to also use saithe, blue ling, tusk, blue whiting and mackerel. These fish are not at present subject to quota restrictions.

The project, although operators, Christian Salvesen Ltd., has treated with a great deal of taken its first step outside the UK. A 20,000 will be equipped with the clude processing facilities for an adjacent advanced as a restrictions.

The factory would require boats, nor the necessary exThe factory would require boats, nor the necessary exBoulogne — top fishing will be equipped with the clude processing facilities for an adjacent advance factory most modern storage and tish, vegetables, meat and designed to accommodate a The factory would require an annual throughput of an annual throughput of 4,500 tons of wet fish to reach break-even point and it is hoped to achieve 6,000 tons. The Scottish Fishermen's The Scottish Fishermen's The Scottish Fishermen's The Scottish Fishermen's The storage and the factory supplied.

Boulogie — top fishing most modern storage and tish, vegetables, meat and designed to accommoda most modern storage and tish, vegetables, meat and designed to accommoda handling facilities, including prepared meals, as well as suitable food processor. The cl.2m store will be most modern storage and tish, vegetables, meat and designed to accommoda handling facilities, including prepared meals, as well as suitable food processor. The cl.2m store will be most in obtile racking and agricultural products from boulogne freezing expensive to be done by foreign boats.

The Scottish Fishermen's industrial estate at Boulogne. agricultural products from Houlogne freezing expan-

# & STORAGE Fish processing storage at

Aberdeen Cold Storage Co. Ltd. Conon Cold Storage Ltd. Union Cold Storage Co. Ltd:--Avonmouth, Glasgow and Hull (packaging)

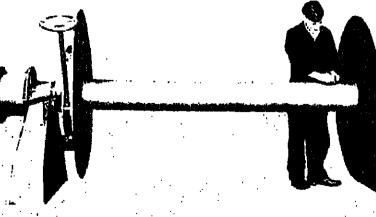




UNION COLD STORAGE CO LTD

14 WEST SMITHFIELD, LONDON EC1A 9JN TELEPHONE: 01-248 1212, TELEX: 24862 UCSLDNG

# **ROBERTSON NET DRUMS**



Illustrated is a Robertson type 3PN5G net drum with a 5-ton putt and depactly of 3 cubic metres. Special features are, the declutchable twin whisping drums and heavy duty brake which give features useful to att tishing techniques. This is only one of Robertson's net drum and trawi which range specifically grapared for all disasses of trawiers. WINCH BUILDERS FOR OVER 75 YEARS

JAMES ROBERTSON & SONS (Fleetwood) LTD.

DOCK STREET, FLEETWOOD FY7 8JH Telephone: 3414 Telex: 67231

"DO YOU know of anyone who makes plastic East Coast-type lobster pots?

The trap he makes by this Fishing Genr Co. to make and forward in a dimple East Coasters by this method, bows and cross bars covered G. C. Nantes confined his ac-"In Scotland recently I was with orange polythene but the tivities mainly to making inkshown a creel, similar in base is made of beech or elm, well-type pots with polythene design to an East Coaster. It measures 27 in x 20in x tubing. But he may still make

Still being made by d. that used to cover the pot.

Wilson's Inshore Fishing After arrangements had Gear Co. in Gildersome, near been made for the Inshore plastic.

General near been made sized most as been one of several now in dimple, and up that production which have steel forkful as quickly as possible.

Speed from the most plastic.

Gear Co. in Gildersome, near been made for the Inshore plastic.

He started making them after he had made an arrangement with G. C. Nantes of Portland, Dorset, to use his patented method of welding polythene tubing.

years ago

March 26, 1927

ONE of Grimsby's oldest boatbuilders, Mr. J. W. Kitching, dies.

GREEN Howard, one of two new trawlers built by in the Eastern Sea Cochrane and Son for Fisheries district over the Consolidated SF Co.,

FLEETWOOD fish said that the sum is "a bit of on their charges.

merchants have an exaggerated figure". The merchants' claims

merchants have protested about new inspection charges imposed by Wyre Council on fish for export to France.

an exaggerated figure". The merchants' claims were countered by the committee chairman, Coun J. D. daily and the overall cost to Grime, who said it is purely a his department was about service to help them sell fish figures. Certificates Mr. McCulloch said that they also where ranged from all to had been select to do the inmerchants have an exaggerated figure".

have their fish checked and certified before it is allowed into France.

Wyre Council's health committee had decided to charge £2 for each check by their inspectors. A letter from dustry is now getting hoats are now fishing out of Peterhead".

Association, considered by into deeper trouble.

Scarcity of fish locally has scarce, thin and very dear. MAYOR settles dispute between Plymouth fishermen and merchants over rail delivered fish at orewmen.

WARMOUTH owners, Fenner Ltd., sells its fleet of steam drifters,

Washermen and merchants of steam drifters,

Washermen and merchants over for retailers.

Washermen and merchants over for made?

Those engines is made that twould increase both the business, while others are bound in mated that it would increase of steam drifters.

Washermen and merchants over for merchant successful the committee at its last disaster into deeper trouble. Scarcity of fish locally has carce, thin and very dean were no good for fish extended to the business, while others are bound increase by instantial that the would increase by instantial that the would increase of a stantial current of the stantial current of the stantial current of the committee at its last memorarily forced many there are bound the committee at its last memorarily forced many the committee at its last the committee at its

The inspections follow a elsewhere ranged from £1 to had been asked to do the indecree by the French government that fish exporters must Aberdeen had not yet decided of Health as an aid to exports.

# **What's** happening to Britain's climate?

Long hot summers can play havoc with inefficient refrigeration equipment as many users have found to their cost. The way to safeguard valuable stock and take the heat out of a sticky situation is to call in Prestcold . . . before trouble occurs.

Prestcold service means specialist advice on any cooling, chilling, freezing or air conditioning application; over 500 field engineers linked into a national UK network to install equipment, maintain it and ensure that you get the best from your investment; 50 depots throughout the country carrying more than £5 million worth of warehouse stock and parts; plus the knowledge that Prestcold makes, in Britain, the plant it installs . . . and exports around 50% of all production to 91 tough overseas markets.

If you find facts like these reassuring, let Prestoold do the worrying for you at whatever the time of year. Look in Yellow Pages for your local Prestcold branch, or write to us direct at the address below.



PRESTCOLD LIMITED, THEALE, READING RG7 4AF, ENGLAND. TEL: READING (0734) 302222. TELEX: 848326

Make the grade <

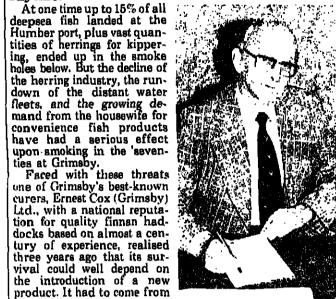
The F.F.70 machine Illustrated above has capacities of 2,800, 3,500 or 4,200 per hour, with or without feed

Our range of graders have capacities from 1,200-24,000 pleass per hour.

Moba B, V. (United Kingdom) Ltd. Rosehill Industrial Estate. Tern Hill, Market Drayton, Shropshire. Tel: Tern Hill 461/2. Telex: 35116.

# FISH HANDLING, processing and marketing Modest mackerel curers have long represented a pinnacle of skill in the ancient art of smoking. The fish docks and the sur-

rounding areas are thronged with smoke houses identified by banks of gently swaybanks of gently swaytopping roofs on the



substitute fish as acceptable as the traditional smok-Kenneth Mumby-Croft, who ed fish best-sellers; moreover was responsible for much of supplies of the fish had to be plentitul and, with 200-mile the pioneer work.

limits on the horizon, the firm delicatessens, 'wine and dine' took a long look at home- establishments and above all produced trout and the abun- was catching on with the dant mackerel in our own housewife. waters off the Westcountry.
At that time most British-

aught mackerel found its

way on to continental tables

and, although smoked mackerel had been tried before, somehow it had failed

o fire the enthusiasm of the Br<u>it</u>ish housewife or caterer.

Trout clearly looked the safer bet, but undaunted

managing director Graham Peers and fellow director and factory manager Kenneth Mumby-Croft

went for the mackerel. They believed Cox's skilled staff

and production methods could develop a product which eventually would become an acceptable selling

Contacts were made at Falmouth and Newlyn with Cornish fishermen for the

supply of graded line-caught whole fish. Encouraged by the two directors, production

of a headless, gutted whole fish began. It was not instantly successful, but the per-sistence of the sales staff, sell-

ing hot-smoked mackerel for

the first time through existing

accounts without a massive

advertising campaign, gradually gathered momen-

Taking up the story Mr. Mumby-Croft told Fishing

News the turning point came

about five or six months after

the whole fish had been launched. A request came in for roady-cooked smoked mackerel fillets and suddenly Ernest Cox (Grimsby) Ltd.

Sales soared as the plant

went flat out to meet the de-

mand. In less than three

years smoked mackerel fillets were outselling the renowned Cox's 'finnies' and as a ready-

cooked product it was fast becoming a delicious new taste in restaurants,

was on a winner.

Line-caught

out here that an important stockpiles mackerel from the factor is that the product needs no cooking by the housewife and is without any wastage, or leftovers. It is superb cold with a salad, or equally as good when lightly grilled, and while many consider it an inexpensive alternative to smoked salmon it store. native to smoked salmon it tion. also makes up into a first-rate

Throughout the Cornish Rising price season from September until the end of February, the firm takes a weekly delivery of 25 to 35-tonnes of graded whole this season with rival

of being caught are being tonne more for mackerelow processed at Grimsby. It is last winter's price only during the autumn and nevertheless it is still winter that the fish have the reasonably priced in the high oil content (usually shops, between 16" and 22%) vital Processing takes just over to the succulent taste, three hours. The fish all although it can drop to a filleted and cleaned and the minimum of 12% and still the fillets are placed in a 70% produce an acceptable brine bath for about three

To ensure year-round cd out on horizontal wint

fish.

The fish arrive by road mackerel that the firm has trunker and within 12 hours paid an average of £40 per

minutes. They are then space production from high oil con-shelved mobile racks



Hot-smoked Ready-cooked **MACKEREL FILLETS** HEADLESS WHOLE MACKEREL

★ A superb new taste ★

CONTAIN NO COLOURING

AVAILABLE FRESHLY SMOKED DAILY

Special frozen home freezer vacuum packs available



Sinest Cox

(GRIMSBY) LTD ERNEST COX

P.O. BOX No. 19, CLEETHORPE ROAD, GRIMSBY DN31 3LE

Telephone 50656/7 (STD 0472), Telex 527150

# FISH HANDLING, processing and marketing

('horses') before entering the kilns. Each rack holds about 60-stones of fillets and the Afos kilns, specially introduced for mackerel, can

The firm had developed its own specialist techniques for the 'cooking' and with so many rivals attempting to copy this delicious taste it would be wrong to divulge too much. Sufficient to say the cooking comprises a three stage process where temperatures and smoke are carefully controlled.

Once out of the kilns the fillets are allowed to cool naturally to prevent sweating and then the ready-cooked fillets, averaging between 4 and 6 oz., are graded and packed, often to individual customer requirements, in interleaved 7 lb. boxes.

The packers have an uncanny eye for accuracy and check-weighing on scales is usually little more than a formality. Working at an amazing speed two girls will clear a 'horse' in 20 minutes. Of the original whole fish 50% goes for offal in the filleting and a further 10% weight loss goes

for 50 to 60 minutes, and the lb. vacuum pack containing fish are 'rodded' up for vertical smoking on the racks,

Such then is the story so far

climbs there are signs that hake could be taking over as the most popular fish on the family plate.

According to Findus, sales of hake in the Eastern Counties of England have jumped by 300 per cent in the last year.

All THE price of cod flavour of hake is a very regional taste, normally and the West. But we are now witnessing an upsurge in consumption in the Eastern Counties.

"In the past, this area has never appeared to have shown a strong bias towards any particular species of fish and this

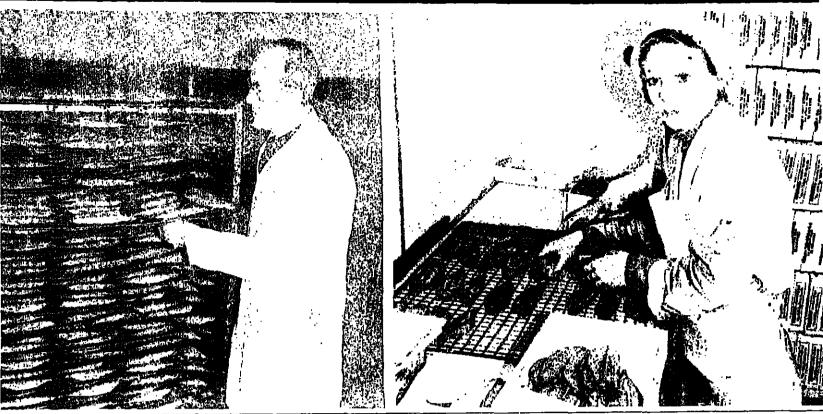
Findus' thinking on the could be one of the reasons for this change reasons why were given by marketing economical hake is manager, David Barlow.

OBITUARY

fish industry.
During his career he known herring dealers, James McBurney of Anbecame very highly respected by all who knew him, not only nalong, died earlier this for his great knowledge of the Mr. McBurney (77) was involved for the whole of his life business, but also for the in the fish business and honesty and integrity with smassed a knowledge of herring which he transacted all his afine which he was a small result.

ing which was quite unparalleled in Ireland since
Joining the industry in 1915.

A partner in the firm McBurney kept interest in
McBurney, & Co., he had the fishing industry.



Atkinson, in the smokey atmosphere of the kiln room in The firm still produces a specting mackerel fillets. Far whole headless and gutted hot-smoked mackerel, individually packaged in are being interleaved.

The preparation varies in ing and these are available the brine soaking, which lasts under the 'FP' brand in a 2

otherwise the processes are of Ernest Cox (Grimsby) Ltd. and the modest A major selling point with ackerel. Three years ago its Ernest Cox ready-cooked 47 employees faced a bleak smoked mackerel, whether future, but the silvery mackerel has brought securidye or artificial colouring is ty and probably further exused in the production and pansion to this muchthe rich, appetising respected firm. Above all it is appearance is produced by a a personal triumph for completely natural cure. The managing director Graham firm is also supplying its Peers whose unflagging drive associate company. Fish and encouragement to his Products Ltd., of Grimsby, staff has brought a rich with mackerel smoked and reward from a most unlikely ready-cooked fillets for freez-

# Taste for hake is growing...

coming more popular He said: "The pronounced

cured herring in the Isle of Man and all the major ports both the north and south of ireland; he was also involved ONE of Ireland's best- in kippering and the white-



without throat cut or with throat cut, head on or head off, on the other hand the heading cut in different variations: - with adhering collar bones or with separated collar bones. For all cutting methods BAADER has the right gutting machine.

BAADER 169 guts without throat cut, it was designed as a gutting machine only, robust, simple and appropriate.

BAADER 168 and BAADER 162 gut with throat out in different ranges: of fish sizes. Both machines are also capable of heading by means of the round cut, the collar bones remain at the fish. Another type of machine removes the head together with the collar bones prior to gutting by one straight cut, that means throat cut and heading cut in one operation, then the machines are called BAADER 160 and BAADER 161.

BAADER DESIGNS ECONOMICAL MACHINES BASED ON MORE THAN 50 YEARS OF EXPERIENCE

NORDISCHER MASCHINENBAU RUD. BAADER

D-2400 Libeck 1 Telex 026 839 Teleton 5 30 21

**PRAWNS SCALLOPS** LOBSTER CRABS SALMON **TROUT DOVER SOLE** SKATE MONK SQUID COD HADDOCK WHITING



CONTACT: STANLEY BERNARD Managing Director

SCO-FRO FOODS LTD.

30 GEORGE SQUARE, GLASGOW Telephone 041-221 1747 Telex 778131

# **FLEMING'S** SCOTTISH SCAMPI LTD

We are always interested in purchasing large or small consignments of prawns Head on, or Tails. All types of frozen Scampi and Fish available for home market or export at keenest prices.

ST. ANDREWS ROAD, ANSTRUTHER, SCOTLAND Telephone 310781 Telex 72376

# French port SCO-FRO PROPERTIES FOR SCOTLAND'S SEAFOOD SPECIALISTS SCAMPI PRAWNS PRAWNS SCOTLAND'S SEAFOOD FOR PRAWNS PROPERTIES FOR SCOTLAND'S SEAFOOD FOR PROPERTIES FOR SCOTLAND'S SEAFOOD FOR PRAWNS PROPERTIES FOR PROPERTI

IT HAS BEEN forecast that in the years between 1972 and 1980 the frozen foods market in Western Europe will more than double. To cash in on the bram, Boulogne-Sur-Mer, the major fish port in France, has started a programme of development aimed at bringing it cases and suggested and programme of development aimed at bringing it cases and suggested and programme of development aimed at bringing it cases and suggested and programme of development aimed at bringing it cases and suggested and programme of development aimed at bringing it cases and suggested and programme of development aimed at bringing it cases and other than the tropics.

With such a large volume frozen foods (Boulogne will be freezing at least 30,000 tons of up to 1,200 tons.

At least eight companies at the port are engaged directly in fish freezing and processing. These include: Pecheries and sizes to the catering and domest the catering and domest the catering and domest the catering and domest the port are engaged directly in fish freezing and processing. These include: Pecheries and sizes to the produce up to 550-tons of ice a day and to store a reserve of up to 1,200 tons.

At least eight companies at the port are engaged directly in fish freezing and processing. These include: Pecheries and sizes to the produce up to 550-tons of ice aday and to store a reserve of up to 1,200 tons.

At least eight companies at the port are engaged directly in fish freezing and processing. These include: Pecheries and sizes to the produce up to 550-tons of ice aday and to store a reserve of up to 1,200 tons.

At least eight companies at the port are engaged directly in fish freezing and processing. These include: Pecheries and sizes to the produce up to 550-tons of ice aday and to store a reserve of up to 1,200 tons.

At least eight companies at the port are engaged directly in fish freezing and processing. These includes the produce up to 550-tons of ice and to the produce up to 550-tons of ice and produce up to 550-tons of ice and produce up to 550-tons of on a level with the major European centres for freezing and cold storage.

By taking advantage of its locations at the intersection of important European trade routes, the port aims to become the frozen foods capital of the EEC.

A big increase in Boulogne's frozen fish production by the end of the decade is just one part of a four-pronged growth programme for the port which takes in ready meals, frozen meats, and frozen vegetables which are considered to have the greatest development potential of all.
According to a detailed

market survey completed for the Boulogne Chamber of 980, a huge growth of about 130 per cent since 1972 and about twice that of any other of the major food markets. In

Although the increase in Consumption of seafood, at one time the leading frozen commodity, is expected to slow, fish and shellfish will still command about a 20 per cent share of Europe's frozen foods. Fishing, therefore, has a very important role to play in Boulogne's development plans, and the presence of a viable trawler fleet there and

plans, and the presence of a viable trawler fleet there and the concentration of a number of firms specialising in freezing, processing and marketing fish and fish products is one of the keystones on which the whole expansion programme reats.

There are four cold storage to 30 per cent of the fresh fish landed by the trawlers, and a higher figure still in value terms.

Up to now, however, all the boxes taken to sea have been wood.

Boulogne: it accounts for up to 30 per cent of the fresh fish landed by the trawlers, and a higher figure still in value terms.

Up to now, however, all the boxes taken to sea have been wood.

Boulogne: it accounts for up to 30 per cent of the fresh fish landed by the trawlers, and a higher figure still in value terms.



frozen fish sticks at the important Gelmer factory in

Commerce and Industry at m<sup>3</sup> of which 70,000 was for the end of 1974, Western public use and 40,000 in European countries will be requiring a total of 2.8 million tons of frozen produce by national scale, but insufficient if the port is to compete internationally.

La Surgelation Alimentaire (the hig Peche et Froid Group); Ste Allum; Cie du frozen foods of 130 per cents frozen foods of 130 per cents roid Alimentaire and Ste forecast for Western Europe The processors get their supplies either from high-quality fresh fish landed locally or from frozen block us a whole, the market show a wide regional variation be imports. In the former case they will often deal directly with the producers rather with the producers rather These are the UK, which a All frozen fish, however, has to be sold through the auc-

than buy through the market. with about 20 per cent and France with 10 per cent France which prohibits the two-thirds of frozen food condefrosting of frozen con- sumption in Europe - and signments, except for canning and smoking, so the bulk of is a lead they are likely to re this, according to the report frozen fish is utilised in the

PLASTIC FISH boxes It was, therefore, decided as faced a big test in purchased jointly, the owners have first priority to aim at France during Feb. the Syndicat des Armateus of the major food markets. In comparision, the growth of frozen foods in the United States is expected to be only around 50 per cent over the same period.

Although the increase in Although the increase in a first priority to aim at faced a big test in purchased jointly, through the same doubling cold storage capacity from 125,000 m<sup>3</sup> to ruary. For the first du Boulogne, 50,000 Allibert and purchased jointly, through the same period.

Although the increase in a faced a big test in purchased jointly, through the same at France during Febthe Syndicat des Armstem du Boulogne, 50,000 Allibert in purchased jointly, through the same period.

Although the increase in a faced a big test in purchased jointly, through the same at France during Febthe Syndicat des Armstem du Boulogne, 50,000 Allibert in purchased jointly, through the same period.

on which the whole expansion programme rests.

The average yearly landings of fresh fish by the Boulogne home fleet is about 140,000 tons, making it the leading fresh-fishing port in France and one of the biggest in France and one of the biggest in Europe.

The total traffic in fish through the port, however, is much greater. Last year about 250,000 tons of fish passed through, of which more than 122,000 tons by boats from other French ports. The remaining 100,000 tons were made up of imports, mainly deep frozen, which were brought in either by lorry or by refrigerated transport ships from the USSR, Spain, Argentina and Africa, and

volume of 42 litres and a capacity for about 30 kiles fish and ice. Their external dimensions are 670mm lost

# FISH HANDLING, processing and marketing



Right: quayside at the Bassin Loubet showing the cold store of Norfrigo and frozen fish being loaded into refrigerated

west, Paris about the same tive financial incentives, indistance to the south, Rotter-cluding a regional development to the north and Cologne ment grant and various tax and the Ruhr to the east.

Furthermore, it has excellent refrigerated transport links to these prospects, Boulogne fish all these major centres, either producers are more than a lit-

France, with almost 40 per currency, is swallowing up cent of the population under raw material that the French 20 years of age. It is at pre- processors badly need. sent developing a whole new . During the next three o industrial zone just north of four years, the problem for

strategically positioned at the suited for freezing and crossroads of trade between processing. And for firms these important consumer wishing to expand or to move centres, with London to the into the area, there are attrac-

by rail, road or sea.

As a lure for new investment, Boulogne and its environs offers one of the
situation is the present heavy
highest potentials for demand for lish by Germony
available manpower in which, backed by a strong
france, with almost 40 per currancy is small and the

the main town called "La Boulogne will be finding



A wet fish catch from a Boulogne stern trawler being sorted on confidence in the quality of this country's world-the quayside into the 40 kg. Allibert boxes. These large boxes famous seafood. are not used aboard the local fleet.



Young's Seafood processing plants are down in Devon, up in Lerwick. Over in King's Lynn, across in Stornoway. So we're a national company, both in production and distribution. But we're also local - for one of the most important things we've learned in 172 years of scafood business is that the personal touch really matters.

Fish catching areas

You can rely on Young's.
You can rely on British seafood too. Because—like Britain's fishermen and our customers - we have full

Britain's leading seafood specialists. Young's Scafootis Lid. Mountbarrow House Elizabeth Street. London SW1W 9RF, 01-730 9942.

Part of the packing line for

Last week nephrops were

breaking all records at

Mallaig, where one boat made

worth £3 m. will be coming

into the factory. The peak of

Over the next year, fish

£40.00 a stone.

# SCAMPI DEVELOPMENT IN SCOTAND FISH HANDLING, processing and marketing

the most advanced methods of scampi production is the west coast firm of Scottish Seafoods. This is one of five processing plants operated by the Young Group of Companies in Scotland. The opening of a £500,000 at £12 to £25 a stone.

extension at the Annan factory by the Secretary of State for Scotland, Bruce Millan, (Fishing News, February 25) underlined the rise to prominence of the once humble nephrop.

From a small shellfish factory which was originally set-

the scampi season runs from tory which was originally setup to produce potted shrimps
has grown the largest scampi
plant in the UK employing
over 400 people.

The sudden growth in the
scampi market is reflected in
the price of nephrops from
which the product is made.

Just three years ago these
were fetching around £3 a
stone. Now they average out

To speed freezing and since the scampi tails are
placed in bins on a conveyor
belt which moves them along
to an X-ray machine. Here,
broken fish or fish with veins
left in are revealed and releft in are revealed April-October and so the fac-

peeling line. There are 102 of hand peeling.
these expert ladies on the The machine is hand-fed.

week training course, a peeler out, and then to a second will produce a 10lb, unit in drum for the extraction of the out.

pass through a glazing the problem of future pass through a glazing the problem of future machine to prevent dehydration during freezing.

A three-shift system is while development of this operated at the factory and the machine is a long term protect machine to produced, it is not viewed as a labour is contrad on the hand.

The CO<sub>2</sub> system has the iking at the opening of dual advantage of speed of man factory, the chair-freezing and processing. If the Young Group, A wide range of passis in Young, put out a produced, from 1 lb. bass of m behalf of all fish the labour is contrad on the hand. labour is centred on the hand replacement for high quality development engineer who

peration. of the product to the spiral and Europe. Shell-on pack ar instant fishing bans. In the fast freezing depart- freezer is achieved by using a arc popular mainly in the havoc with our in-

stone. Now they average out west coast, as well as ports on Alter being weighed into ing machine. So far this the firm of Greer at Sitproduct down to -90 deg the and chief among 35lb. blocks, the nephrops machine has cost around tingbourne. Kent. After and the spiral freezer is the problem of future

plain scampi to shell-on talk saing firms to the peeling line. There are 102 of hand peeling.

these expert ladies on the day-shift and 80 come in at Scampi tails pass on to a band freezer linked to a spiral factory in Thorne, Sould through the EEC, Mr. Sould through the EEC, Mr. freezer, working with an im-

an hour (approximately 10 a meat. Shells with any meat with the link up of the band Spencer and Sainsbury restment and employminute). Top speed peelers left in are automatically and spiral system, these have Young's has big scamp evels. will produce nine to ten sorted out at the end of the now been overcome. Transfer markets in the United State dden quota run-outs

shell-on tails are deby a vacuum machine raded into six sizes they leave the factory. ell-on product has the



dustry, said Mr. Young.

"These only lead to factory closures and hire-and-fire situations.' While conservation is im-

portant, pointed out Mr. Young, "the aim must be to place the management of lisheries on to a basis of longer-term planning between ministry, fishermer and processors.



Scottish Seafood's factory at Annan. The modern shelifish

Secretary of State Bruce Millan (right). with Norman Young, on the opening day of the plant's extensior

Right: peeled scampi on the carbon dloxida belt before passing to the spiral freezer. Young's is the first



Above: 1 lb. bag of Young's individually frozen scampi. Three grades are available: 50, 36 and 26 to the lb. Below: peeling scampi — Young's prefers the traditional hand method.



SCOTTISH scampi is Catches are bought every A nine-ton capacity truck being exported to day on a contract basis from was chosen as it allows developed the factory has

With a turnover last year of where catches are collected ust short of £1 million, enable more people to be taken on in the near future.

Founded by John Fleming in the mid-1960s, the firm began to look into the export market in 1969 and business

the business in partnership with John Fleming.

The link between the two concerns provides mutual Nephrop tails with the benefits in that Etruria shell on are frozen and graded firm's products in this coun-

many parts of Europe boats based at the nearby customers to receive just the port of Pittenweem where right amount of supplies they ing processing firm in there is a year round trawl require once a fortnight. fishery for nephrops. Supplies are also obtained daily from the Isle of Skye

Sleming's Scottish Scampi Fisheries.

Ltd. provides employment Nephrops from the west the firm's continental of Killingworth, and William Thype of Edinburgh. for about 70 people, and ex-tensions now being built will fish, are often caught in baited creels.

dicates the number of fish it transport. has steadily grown. Today, the company has important size, the number in a carton asked him if he would also

Germany

market Fleming's products in one kilo polythene bags I taly, while Fleming's is able to handle the Italian in Germany and Italy. Products from the shelled tails include breaded meat in

Although scampi is the factory's main product it also buys monkfish, squid and from the boats by Portree export, these having been

fish are packed in the one kilo said that his company was cartons before freezing and a originally a haulage contracgrade mark on the carton in- tor specialising in fish

outlets in Germany, France, can vary from only four or buy fish from Scottish ports, Some four or five years ago the firm linked up with Etruria S.P.A. of Italy, which now has a half share in the business in partnership.

eight women, the firm became operational in 1966 and the business has steadily expanded with the growth of its continental outlets.

The growth has been helped by the fall in value of the pound which has enabled Britain to sell more com-petitively in Europe, and the firm was given added impetus The firm is able to handle

tails include breaded meat in one pound polythene bags for the home market.

At present a hired 40ft.

At present a hired 40ft.

French truck takes products ago. Through its links with the cartons.

The firm is able to handle

tails include breaded meat in one pound polythene bags for to sell abroad when there was a slump in the home market.

At present a hired 40ft.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market.

French truck takes products ago. Through its links with the bags for the home market. Cartons.

The firm is able to handle tain and France, the firm has up to 2,000 kilos of whole fish a day and in addition buys a left,000 refrigerated truck nephrop tails for freezing which can take a load of nine shell on or unshelled.

However, for deliveries in Briable to exhibit at international trade fairs. Last year its products were displayed on the Italian firm's stand at the Florida at

stores of 15 and 60-tonicapacity, and a BOC nitrogen

The breading machine from Foomek and the boxes Thyne of Edinburgh.
Mr. Fleming told Fisher







THE ICE QUEUE COSTS MONEY MELTING ICE COSTS MONEY

GABUUK IGE TO GHILL YOUR FISH HOLD IS EXPENSIVE AVERAGE
BESTFOR AN BOIL TRAWLER SHOW IT LOSES 6 TONS PER WEEK IN THE MMERIAND 3 TONS IN THE WINTER - AT £6 PER TON THAT'S ABOUT E 1300 IN A YEAR - AT TODAY'S PRICES BUT PRICES ARE RISING E 1500 IN 1978? E1750 IN 1979? E2000 IN 1980? IF YOU BUY BROMAC REFRIGERATION PLANT NOW, IT WILLS HAVE PAID FOR ITSELF BY THEN WITH A REFRIGERATED ISH HOLD YOU ONLY NEED ICE FOR THE FISH - PROMAC CAN CUT YOUR CEEDILL DRASTICALLY - AND YOU HAVE MORE ROOM FOR BOXES FOR YOUR TOP QUALITY FISH.

BOARD FLAKE ICE MACHINE SOLVES THE PROBLEMS --- IT MAKES YOU INDEPENDENT, IT MAKES ALL THE ICE YOU WANT -- WHEN YOU WANT IT. THE ICE IS FRESH -- SUPERCOOLED -- AND IT LOOKS GOOD IN YOUR BOXES ON THE HISH MARKET - YOUR FISH ARE FRESH, A PROMAC FLAKE ICE. 

WAITING FOR ICE IS EXPENSIVE - IT WASTES FISHING TIME TAKING ICE ABOARD DAYS BEFORE YOU SAIL IS EXPENSIVE - IT MELTS, A PROMAC ON-

A combined plant gives you all the advantages

PROMAC agents in the UK are MOREP LTD.

LUDDENDEN CHAMBERS, LUDDENDEN, HALIFAX, W. YORKSHIRE HX2 6RA

Tel. Calder Valley (042283) 2721

16

# FISH RE-FORMED IN

has just been introduced by the Guylew Manufacturing Co. Ltd. of Norfolk.

fish, successful trials have also eliminate 'creaming' or break- so, a special scampl head was varieties such as blue whiting been carried out on re-forming ing down of the texture of the produced for the food former

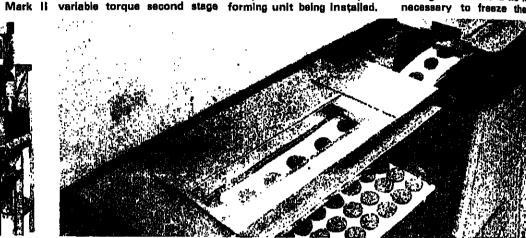
unit system stemmed from the for the machine. This has a really successful scampi re- vantage in that it is no long.

turns out re-formed fish to which, although in wide use for the required amount of product any required shape or size forming fish cakes, has mainly into the shaping pockets. been supplied to the meat in-

> Following demands from the apply to re-forming delicate potential of an over-abundance meat trade for a machine to fish meat such as scampl and, of such difficult-to-market

any variety of fish meat code be processed through the former to create virtually any size or shape of fish perion This is on ideal combination a It was immediately realised a time when there is a general that the same principle could shortage of white fish and the

product being formed, Guylew which, in combination with the adequate supply lines of pine The development of the five- developed a new feeder scroll new scroll, resulted in the first white fish, the line has the st



Three of the five units which make up the Guylew fish reforming line. Pictured top left is a continuous flash fryer for new flow converter unit linked to a Mk. II Superspeed for breaded or batter coated fish portions and (above left) the

new flow converter unit linked to a Mk. II Superspeed Foot



belt conveyor has been designed and put into production by Wright Pugson Ltd. of Dorchester,

STEEL

Products are carried on a food-quality, three-ply, 450mm wide white endless belt, running on stainless steel rollers hroughout the length of the

The geared, 3-phase motor trives the crowned stainless steel drive and idler rollers through a fully-guarded chain lrive. Speeds between 15 and 60 fpm, or variable speed, are available to order. The stop/start control incorporates low voltage cut-out.

Conveyor lengths can be specified between 2m, and 10m.: overall width, 650mm. One 50mm diameter stainless steel transfer roller is supplied with each conveyor.

Both ends of the conveyors are drilled and tapped to allow them to be attached to another conveyor or other place of

Further details from: Wright
Pugson Ltd., Grove Trading
Estate, Dorchester, Dorset
DT1 1ST. Tel: Dorchester
(0305) 6433.

Supplied by Gordian Strap
I hand-operated and semiautomatic wire strapping
squipment. This type of equipment and semisquipment. This type of equipment and semisquipment. This type of equipment and semisquipment was labour intensive and semifishing off Newfoundland and in
the outout rate of fish caucht.

Supplied by Gordian Strap
hand-operated and semisquipment. This type of equipment and semisquipment with a squipment and semisquipment of squipment and semisquipment and

A further disadvantage was product appearance by cutting into the cartons. The change to polypropylene strapping, it is claimed, has overcome the

When servicing is required, the Gordian Group, A. Rieber hopes to be all

meat into blocks and then saw it into portions. This results is waste both in fish dust, labour and refrigeration.

The new line would perhaps, have been longer or the 'new ideas' shelf had knot been for the parallel develop ment of the new flow converte unit which was initially developed for a Swedish max processing company.

This unit allows the reformed fish portions, or scamp to be delivered on to the below an enrober, or flash fryer, or even a freezer, with only the nimum gap between places Also, without the use of any hand labour which well break-up the newly-formed

# **NEW BOXES**

TWO Norwegian trawler firms. Findus and Brodrens Aarsuether, have ordered large number of plastic fish boxes of a new type developed by Cipax Plast This company is now in

vosting in a new production The company's plant need Oalo has been working a thirt shift day recently to meet &

stalled by other trawler other countries. Cipax Plast says that the new boxes have been design

Soviet Union's Ministry of

Ministry will exchange know how and undertake joint project for using kr production of a paste.

nationwide team of mobile service angineers is geared to solve these sort of problems.

Further details from: Gordian House, Group, Gordian House, Middlesex.

Middlesex.

Rieber hopes to be service to be sell a number of fish source to the Soviet Union. It tories to the Soviet Union. It tories to the Soviet and has also delivered a plant and has also delivered a plant.

Browells Lanel Fieltham, tion on board a Soviet feetoff.

# FISH HANDLING, processing and marketing

# EVER SINCE man started to get rid of his waste products by emptying them into the sea there has been a there has been a danger in eating filterfeeding molluscs such as oysters, mussels and cockles. Over the years taboos, traditions and eventually laws have protected man from

the consumption of shellfish caused the illness by examin- made it impossible to refine the department's warning to authorities involved trying to which had not only been unwas forbidden, in others its ing, bacteriologically, the the investigation further to use its ancient charter powers solve the twin problems of able to demonstrate the season limited to the cooler patients' faeces and any food implicate or exonerate any to stop the sale of cockles in what had happened and how casual organism, but had also months when infections that may have been left over particular producer.

the sea the waste products of the many millions living in London and the Home Counties.

The health warning and active deficiences in this direction and 817 people).

The health warning and active deficiences in this direction subsequent to it seems to tion of the new monobloc have been effective. Only two system.

The health warning and active deficiences in this direction and 817 people).

The health warning and active deficiences in this direction subsequent to it seems to tion of the new monobloc have been effective. Only two system.

The more obviously show very early. pulluted beds were subject to orders made by the Port of London Health Authority, Supply which required cockles from those areas to be sterilised by steam before being sold for first established link; then it food poisoning. numan consumption.

and the early days of cockles. number of outbreaks of food the source of supply of the cleared up. poisoning were reported and cockles and here the only fac- Among the authorities investigations into their cause for which held good for all the notified by the department were started by environmen- outbreaks - which stretched was the Fishmongers' Com-Health Laboratory Service.

These investigations are Essex. always two-pronged, One line Insufficient labelling and of enquiry is to trained on the number of hands through Gerald Watkin, decided to

months when infections that may have been lett over seemed less likely.

As man's knowledge of microbes grew, then laws look for those factors that the Department of Health company siezed existing designed to ensure the the patients have in common and Social Security had stocks and forbade further **Hygiene** elimination of harmful and which are not shared by received notifications of some arrivals. This effectively organisms from the seafood their friends and relatives 29 separate incidents of food- stopped distribution, an acwere made.

who have not developed the poisoning in which the comin the Thames Estuary, disease.

who have not developed the poisoning in which the comin the Thames Estuary, disease.

who have not developed the poisoning in which the comin factor was cockles. At
authority and Southend suring that cockles from
the cockles have long been were ill District Council had been prescribed beds were ade-

> issued a health warning. That is it released to the media a statement in which it was & said that there is a direct connection between the eating of Seafood cocktails were the cockles and the outbreaks of

Leigh was pin-pointed as was narrowed to one in-At the end of November gredient in the cocktail - the the source and people were advised against cating cockles December last year, a Enquiries now switched to until the matter had been

tal health officers of the various local authorities involved, backed by the Public was that the cockles had in Billingsgate market the originated at Leigh on Sea, principal selling point for Leigh cockles.

laws have protected man from
the consequences of his own
actions. In certain cultures tablish the organism which which the cockles had passed advise the company in view of the many and various Health Laboratory Service

future.

There was the Port Health produced from beds in an esquiry drew a blank and has the figures up to 33 outbreaks able, to do.

The health warning and active deficiences in this direction of the deficiences in this direction of the deficiences in this direction of the deficiences in this direction. produced from beds in an es- quiry drew a blank and has (later notifications brought reluctant, or possibly un- quately sterilised by steam,



The company's inspector, Inside a cockle processing shed. Eight sheds are expected to be

the conditions which might well have given rise to the growth of contaminating

There were the ministries: Health with overall responsibilities and no effective executive powers; Agriculture officer and as scientific advisor with officers from Burnham and Torry.

Even the Thames Water Authority had an interest as its Public Health Division is responsible for the sewage

discharges in to the estuary. Lastly, the Fishmonger Company was involved because whatever was decided would require its agree-ment before cockles could be sold in Billingsgate again.

In the absence of a demonstrable casual organism there was much speculation, but the generally agreed view that emerged as to how the whole problem started is this.

In November 1978 there was an outbreak of a form of

# FISH PROCESSORS! Are you STILL sawing (and wasting) your fish for coated portions? GUYLEW announce their NEW

RE-FORMED FISH PORTION SYSTEM A totally new concept Auto-Scroll with variable-torque feed enables shapes to be formed in the GUYLEW Mark II Superspeed FOOD FORMER without "creaming" or losing the texture of the product

being formed

( FOOD FORMER 2 FLOW CONVERTER 3 BATTER ENROBER A BREADCRUMB ENROSER

Also available: double enrobers for scampi — automatic sews — batter mixers — blenders, etc. Send for catalogue and information to:

uniform size at a rate of 20,000 an hour.



''difficult'' species (e.g. blue whiting) - any shape of portion - minimum

labour. Re-form odd-size scampi into

No more wasted fish --- utilise

RIVERSIDE WORKS, GORLESTON-ON-SEA

MANUFACTURING

Norfolk NR31 6QH England Tel: Gt. Yarmouth 62582

COMPLETE PROCESS: Forming — flow convertor (to utilise any standard width belt up to 48in.); breading enrober or batter applicator --flash fryer (24 sizes),

# experts... Wm. Bennett suppliers of quality rozen foods to the U.K. catering ndustry are constantly seeking additions to their extensive range At present they are interested in contacting suppliers of all classes of frozen fish in bulk. If you would like to take advantage of the Bennett U.K. Marketing expertise, A. J. Bennett Esq., 🛰 Managing Director Frozen Foods Limited 28 Orgreave Close, Dore House Industrial Estate, Handsworth Sheffield S13 9NP, Telephone: 0742 697791, Telex: 54673. ROBERT CROAN & SONS LIMITED

to the U.K.marketing 🔝

Harring, Kippers, Sprats, Salmon Shell Fish, White Fish (whole or fillets) All anquiries to:

Custom House Bullding, Granton, Edinburgh EH5 1PL

Telephone: 031 552 4261 Telex 72494 Cables KIPPERS, EDINBURGH

THE QUEEN'S AWARD TO INDUSTRY



YERSEKE, HOLLAND.

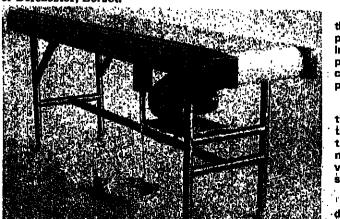
Dealers in Shellfish and Canned Fish

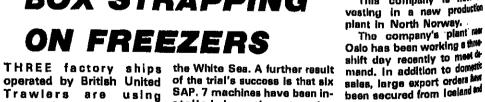
Telex 55176, Tel. 01131-1321.

StaPack automatic strapping machine in use aboard British United Trawlers freezor vessel. **BOX STRAPPING** ON FREEZERS

automatic polypropylene strapping machines on fillet cartons.

The polished stainless steel conveyor from Wright Pugson of Dorchester, Dorset.





The machines have been installed as a replacement for

the output rate of fish caught. of Bergen, has made a five processed and packed at sea. that wire strapping spoiled the

roblem of disfigured cartons. tion presents no problems, says other foods.

the future of the crab fisherman.

In many areas the crab had been regarded as a by-catch of lobster fishing and often the demand for crabs was so poor that they were dumped back that they were dumped back

with facilities to take in 15-tons of crabs a day, the Inverbervie factory provides an important market for crab fishermen in many parts of fishermen in many parts of Scotland and it is now negotiating to extend its buying operations to the northeast of England.

Even during its first year of production the factory has been able to increase the price of crabs for the fishermen and is providing them with a sound living at a time when high operating costs could well have forced many of them out of business. This encouragement has given the creel fishermen a renewed confidence in the future and is also helping some of the smaller fishing communities to survive.

The factory also provides very welcome employment for 105 women at the present time as compared with only 25 a year ago. They are able to work hours which fit in

he crab plant is

from Young's inverbervie plant. and cooling plant which can

Brown and white meat are handle 50,000 crabs a week.

and to encourage a revival in crab fishing, thereby providng a new prosperity for the

Mr. Cloude went on to say that crab is now looked upon as a prize shellfish and that good crabmeat demands a place in the home deep freeze the home market.

He commented: "Crab for the catering and home salads and sandwiches have freeze trade. always been popular but now more housewives are using highest quality and to this crabmeat in soups and hot

to work hours which fit in
best with their home comprovide a further 20 per cent year with confidence. Last with the times of landing and Quality and hygiene con-Collection of crabs from that it is free from bits of shell mitments and the firm also of factory space and will year new products had been allows the factory to underruns a training course for allow the firm to extend its introduced and 1977 will be a take 16 hours continuous checked by quality control 

freezing and chilling equipment was installed by Refrigeration (Aberdeen Later and Hewson and Turrel Later Crimshy of Grimsby.

Although the factory is no mally employed in chipproduction from about Apr be processed straight away.
At mid-day, crabs from the to handle other shellfish and local ports are collected and as nephrops at times of cal in the afternoon another lorry comes north from the Firth of Forth ports. Crabs are

It is now seven or eigh years since Young's first moved into Inverbervie when in took over a small locally own. transport will be waiting ed erab processing plant & After being examined on arrival at the foctory the processing factories at Bol about the same time the comcrabs pass through an dam, near Peterhead, and a Left: new 100g crabmeat pack automatic scrubbing, boiling Thurso.

### After cooling the crabs are iced and taken to the con-Salmon

bought on a contract basis

and the fishermen know that

white and brown meat in 1 lb.

tinuous processing lines. Dressed Crab in attrac-Some three years ago it was decided to close down the tive serving shells, vacuum Thurso plant and to devale packed to preserve flavour and improve facilities at and good eating quality, is Iverbervie and Boddam. The only one of a line of attractive new factory at Inverberve products from the factory, which in the main caters for was built on the site of thee isting building beside the Other popular products in-clude dressed crab, 50/50 River Bervie.

At Boddam some 150 per ple are employed and thelac packs, as well as crab claws tory concentrates on white fish, herring and smoked salmon production, and it Emphasis is placed on the steadily expanding along these lines in conjunction with the growth of Peterhead end the crabmeat is picked from the shells by hand, so as a white fish port.

> Mr. Cloude is manager of both factories and divideshi time hetween Inverberviead



Processing scampl in the Highland Seafoods factory at invelo vie. From about April to Christmas the firm concentrates on 🕬 🚡

fishing limits by the device of having their vessels registered training for fishermen in the ouple of Lewis 'stooges' Western Isles. The development would support this aboard. aboard.

very close monitoring to en-sure that the fishermen who benefit from it are Lewismen

benefit from it are Lewismen rather than Norwegian."

Fishermen, however, welcomed the new pier facilities at Breasclete, on East Loch Roag. The pier will be 48 metres long by six metres wide. There is a difference of opinion between local fishermen and the consultants regarding the aiting of the pier, however. Locals say that it would be subject to a heavy surge in bad west and

boats of 100ft, each with "The project would require crew of nine or ten.

say that it would be subject to a heavy surge in bad west and north-west winds.

Strong representations are to be made to the HIDB for boats capable of commercial long line fishing to be built injuries.

FISH HANDLING, processing and marketing

shore industry.

Now, the committee — which is composed of representatives of all sections of the Scottish inshore in dustry — has commissioned trials of the main plastic fish boxes at present available. The most suitable type of box will be determined from the comments of the users.

Four main designs of box are to be tested and compared with the existing wooden boxes. The first three boats taking part in the trials are to be the seiners Fruitful Harvest, Delightful and Minerva fishing under skippers R. Reid, J. MacKay and J.

It is intended that the trial Names of buyers will be boxes should pass through the recorded by the fish salesmen whole system, from the auc- and the usual charges will be tion and sale right through to made for box use. Buyers are being sent to the wholesaler, being asked to ensure that This will help evaluate their boxes are returned to Claben Sterilisation Services to avoid use on lorries.

Boxes have been made losses. available for the trials by the Wherever possible manufacturers Allibert, truckers will be responsible Ecko, GPG and Tennant. All for the return of boxes to boxes are clearly identified Aberdeen or Peterhead Boxby a St Andrews Cross. es which arrive at wholesalers

The Allihert boxes are on Humberside will be white; the Ecko pale blue; recovered through the the GPC dark blue; and the Grimsby F.M.A., Cutsforth of Hull and G. T. Fraser Ltd.

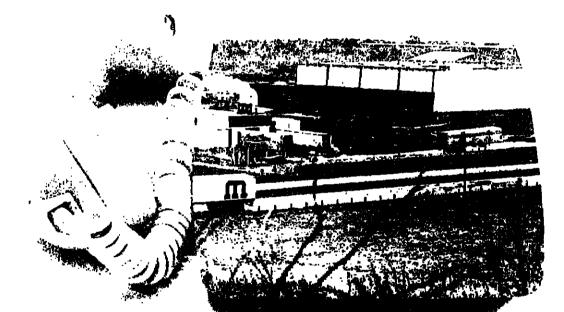
TRIALS HAVE begun at Peterhead to test plastic fish boxes as a replacement for the wooden box currently As reported in Fishing
News, December 24/31, 1976,
a steering committee has
been formed in Scotland to
investigate the introduction
of plastic boxes into the in-





are (left to right): the Tennant, Ecko, GPG and Allibert models Abova: wooden boxes on a Peterhaud market stretched t capacity by heavy landings.

# BELLSHILL 747511~ hot line to a cool number.



Bellshill 747511 (Telex 778759) is your hot line to Frigoscandia's latest cold store at Bellshill on the south eastern side of Giasgow, at the Bellshill North Industrial

It is a hot line that will put you in touch with a -30°C. cold store - the twentieth to be opened within the Group's European twork, which has a combined capacity of over sixty million cubic feet and is linked by five hundred refrigerated trucks and rail

Even at its initial size, the new Bellshill store is one of Scotland's largest and most modern. It can handle nine thousand tons of frozen product and with fast access to Scotland's M73, M74 and M8 motorway network, it is ideally located for distribution As with many other Frigoscandia stores.

land has been set aside around Bellshill for development of the company's Food Town philosophy. On this land food processors can set up operations and receive the considerable benefits of having immediate access to Frigoscandia storage, distribution and general site services. A modern fish

processing and freezing plant has already been constructed on the Food Town site, to take advantage of such benefits.

Contact us today if you are interested in storage, freezing, distribution or Food Town sites - ring Bellshill 747511 and ask for Eric Dunkley - General Manager or Bill Moulds - Sales Executive, or post the coupon now for the Bellshill Information Folder "Hot Line to a Cool Number"

# FRIGOSCANDIA Prigostandia Ltd., Bellshill North Industrial Estate, Bellgrave Sirest, Bellshill, Lanarkshiye, Mr. SLB

* * *	To the second	1	Yes please, I'd like to have a copy of the Beilshill Information Folder				
7			Position				
ļ			Company				
١.		۳.		•			
. 1	Address .		<del></del>				
j	Phone	19.00		-11	-	B1/FN	/3/77

# 名 名 夏

Smoke your own

The Breakthrough of the Century!

The Minl-Ki'r, can be used for the ollowing products:

COLD SMOKING All white fish fillets, Finnans, Bloaters, Kippers, Salmon Fillets, Oysters, Васол, еtс.

HOT SMOKING Buckling, Mackerel, Trout, Sprats, Smokles, Sausages, Chickens, Turkeys, Eals, etc.

Simple to operate -- full instructions provided

Now for the first time a miniature version of the automatic "Torry" Smoking Kiln as used by all the major fish processing interests throughout the world is made available to the individual user.

SEND FOR BROCHURE NOW

AFOS LIMITED, Dept. FTX, Manor Estate, Anlaby, Hull, E. Yorks, England

THE SECRETARY of Brixham and Torbay Fish Ltd. lan Lindley, has written to ask Torbay Council to consider stopping the port's in the £ salesmen's levy. He submitted that it is unique to Brixham.

"We are, by auctioning lish clude provision of a box store and paying this levy, at a dis- on the recently completed advantage to other buyers fish landing quay and who are purchasing direct facilities for storing fishing from the vessels and avoiding gear.
the auction," he wrote.

"We, being the principal pointed members to meet auctioneer in Brixham, representatives of Brixham, representatives of Brixham.

collect by far the most of the and Torbay Fish to discuss fish landing dues on behalf of the proposed improvements.

Torbay Council and thus ensure that the correct and full the possible ending of the fish levy is paid on all fish landed salesmen's levy has been through us and also sold by deferred until after that

suction by us.
"We also pay the dues [ making it a very economic New ferry

and foolproof operation."
Between 1971 and 1976 the salesmen's levies have increased from £1,530 to £8,120; the amount of fish toll tevenue at Brixham rose from £7,649 to £40,600 in the same

OLAU LINE is to start a direct ferry service between Sheerness and Dunkerque on April 1.

These figures were given to Torbay Council Works and Harbours Committee in a report by the harbours administrator, Mr. S. J. Mitchell.

Two sailings a day in each direction will be operated by the ms. Olau West, one of the two ships which opened the successful Sheerness/Flushing route in 1975. She is well

Mitchell.

Mr. Lindley has also equiped to handle the increasing freight traffic which wir. Lindley has also written to the Works and Harbours Committee seeking a meeting to discuss the need for an extension of the fish market quay at the northern end; enlargement of the present store on the west face of which convects with the Baris sent store on the west face of the fish market; and an extension of the offices on the first floor.

which connects with the Paris and Brussels Auto-Routes and provides direct links to the South of France and

Other requirements in Spain.

# Firm's 'cheap foreign fish' sales rocketing

FISH FROM Norway, and 100 tons of fish. "Sell it," Foroya Fiskasola, some years the firm said.

That was the start of sign. Some years ago, world-wide outlets. mark and Holland has been turned into a £700,000-a-year business in the Westmark and Holland has country.

Six years ago, when Graham Roe left the Hawking Merchant Navy armed with his qualifications as a Master Mr. Roe (36) has a small than it is in our own markets.

Grimsby and he was taken on by the Chaldur Frozen Fish offered money. He was simply let loose with an old van the Faroese co-operative, The addition was taken over by the Chaldur should be graduated to a car. The addition was taken over by the Chaldur was taken over by the Faroese co-operative, The trade to America.

Mr. Roe reckons that he and-carry outlets used by now handles about 18 per people with home freezers. Chaldur can hold up to 280 tons of frozen fish in Plymouth and is now taking some locally-caught whiting.

That was the start of

Mr. Roe (36) has a small than it is monrown markets. The organisation has two foreign-owned factory catering outlets, fishmongers and fish wholesalers all do business with Chaldur. The ad. took him to Grimsby and he was taken on a part-time driver—and construction of the construction o

Chaldur receives fish from Norway, the Farne Isles, Friers trunker larries from Grimsby.

Mr. Roo says this is simply because it is possible to buy fish more cheaply overseas

catering outlets, fishmongers and fish wholesalers all do process as a sterilisation business with Chaldur.

The finding finding finding fraction of the finding finding fraction of the finding fract

Winter Volunting on Canvey smallest units in wh. Island, Essex The virus cockles are distributed to: Island, Essex The virus cockles are distributed to which causes this condition has never been isolated but there is no doubt that it is spread by the thereal oral points.

The virus cockles are distributed to sure easy and early reest too of offenders in the case any little troubles.

It was on point two the most of the difficulties to control to control to the difficulties to control to control to the difficulties to control to control

At the time. Leigh discussion centred by cocklemen were working the perhaps fortunate that he beds near to the sewage out Avres, from the Bunk tally from Canvey Island. Laboratory, was already, Tally from Carryev Island, Laboratory, was analyke. There was a period of extrablished in the eyes of tremely cold weather which concludes as not only meant that cockles stored browledgeable but The Plymouth depot overnight on the catching thoroughly practical first handles mainly cod, haddock boats were almost frozen. They were, therefore, has and place, selling principally when processing hegan. This at least to try out to the fish fryers of the Westcountry. However, factories, further reduced the rather cust their results with him

only he sufficient to caused

various rinsings and bring

which had been such a like

hygiene has proved to b

pains to point out that it ee

siders the present measures

in prospect the formation of

approval by the PLHA

agreed that they may \*\*\*

sell their cockles

Billingsgate. The fint

supplies for some the months were in the market. Saturday, March 12. The

In view of this position!

The shed layout and handle for sterilisation. ing was such that, if effective So, he proposed that the sterilisation had been achieve itial use of steam or boile ed, subsequent contamina- water in the process she; cockles to open their she. Then would follow the

The cockles involved in the source of contamination c reported outbreaks had main- the past, and finally to b ly been consumed at fairly the cockles to sterilise the formal occasions of such a as an almost last stage of description can be given to cooling and packing we." Tirms Christmas burches and follow. rugby club dinners but, in This process was found: any case, in places where the he practical and is big incidence of a number of adopted by all the cocklencases of sickness was easily. Trying to bring the occnoted and remedial action sheds up to 1977 standards: demanded.

Last, but by no means comewhat more difficult Eleast, this particular virus they are now being disk showed remarkable powers of into a "clean" and a discresilience, managing to sur-side, with a ban on the work vive the effects of heat, cold, in the 'dirty' or pre-

salt and even acetic acid. sterilisation side entering i. No doubt many of those "clean" side (Fishing New factors had been there for March 18). years and it was almost tate which had brought them into coincidence, cousing the **interim** spread of a local gastrointestinal disease across a The Port of London liest large part of south-east Authority has been at sec-

By then, however, the experts were being pressed for a be interim ones only together solution by the cocklemen, cocklemen back to work whose livelihoods were expects a more comprehthreatened. They wanted a sive scheme to be adopted way of ensuring that the trou- within the next year ble would not start all over - It would appear that it be

Such an absolute assurance processing co-operative will was not forthcoming, ear its own purpose built pecially when a natural respectations. quirement of any new regime is that the cockle at the end of now reached the interinging its processing should be both dard and are in the coused edible and saleable.

dard approval by the PLHA

## Compromise

A further difficulty is that normal bacteriological methods would not detect virus contamination, nor would methods of sterilisa-tion designed to kill bucteria production in the next left necessarily kill viruses.

But, short of closing down the whole cockle industry, a compromise had to be found. Comply This is a method of producthe risk while still permitting that they can not run a isk the production, at an a similar outbreak of food economic price, of a saleable poisoning from other sources A five-point plan was notified senders and

evolved which it was thought processors of cockles from would satisfy these re other areas that they will quirements. The points were expected to comply with the second

1) the avoidance of fishing the more heavily polluted beds;
2) improved methods of that men, primarily by our that men and the primarily by our that men are the primarily by our that the primarily by our that the primarily by our that the primarily by ou Processing:

3) improved food hygiene fishermen, are undertaking a in premises, equipment and process that produces a

the risk of further contamina-tion and the growth of source.

# LOW price steel

A VERY competitively hull. Dimensions are: The first hull in this priced 30ft, steel beam 10ft; draft 3ft. 3in, new series has recently fishing boat hull is now being produced on Humberside. Available in two versions of 3mm or 5mm steel, the hulls are priced at £1650 and cludes a choice of forward of the passe of the pass

production on the 30ft. included.

ر با در منطقه و در او و در این این ا<mark>ین این این این با با این این بازد با در این بازد بازد بازد بازد و در بازد با</mark>

After building a range wheelhouse with cabin, ready for delivery to North of 36ft. boats, the firm of Engine beds, steel deck, Wales. The yard offers a choice of wheelhouse and stern of wheelhouse steel deck, wheelhouse with cabin and wheelhouse with cabin and the steel of wheelhouse arrangements.

Wales and another is due



She is powered by a sea hp trawling for white lish. Burton Loradate was 1,225 rpm Caterpillar. On deck she is fitted with designed by James Exam.

NOW on trials from the engine. Burton Lonsdale has Eyemouth Boatbuilding Co. a forward wheelhouse.

Shurton Lonsdale, a wooden Built for Newlington and split seine winches are Trackers Ltd., she will be fitted mid-ships with separate the shared at Newling Co.

based at North Shields where tope reels port and starboard she will probably start off by Burton Longdale was

# (Fishing News Books Ltd

We specialise in practical and informative books about commercial ushing and fish farming

D MODERN DEEP SEA TRAWLING GEAR (Revised edition)...... 15 NAVIGATION PRIMER FOR FISHERMEN.
14 MULTILINGUAL DICTIONARY OF FISH AND FISH PRODUCTS (Revised Edition)

# DETAILED CATALOGUE AVAILABLE ON REQUEST

□ A Living from Lobsters

□ Aquat offere Practices in Taiwon

□ Briter Angling with Simple Science

□ British Fre-hauter Fishe.

□ Coastal Aquatulture in the Indo Pacific Area

□ Commercial Fishing Methods

□ Control of Fish Quality

□ Culture of Braive Molluses

□ Eel Culture

□ Eel Capture, Culture, Processing and Marketing

□ Escape to See | East Capture, Culture, Processing and Markettr |
| Earcape to Sea |
| European Inland Water Fish: |
| a Multilingual Catalogue |
| FAO Catalogue of Fishing Gear Pesigns |
| FAO Catalogue of Small Scale Fishing Gear |
| FAO Investigates Ferror Cement Fishing Craft |
| C Farming the Edge of the Sea, 2nd addition |
| The Ferrile Sea |
| Fish and Shelltish Farming in Coastol Waters |
| Fish Catching Methods of the World |
| Fish Farming International, No. 2 only |
| Fish Inspection and Quality Control |
| The Fish Resources of the Ocean |
| Pisherie Oceanography |
| Fishing Boats of the World |
| Fishing Boats of the World |

11.75. C. Handy Meshe d Guide for Sent crers
15.00. They to Make and Set Nets
12.50. Inshore Unit of Britain in the Days of Sail
12.50. And Onr. Volume 2 only
12.50. Inshore Unit of Britain in the Days of Sail
12.50. The Marketing and Sea Late
16.50. International Regulation of Marine Fishures
16.50. The Lamon sole
16.50. The Marketing of Shellich
17.25. Mechanization of Small Enhang Unit
17.25. Mechanization of Small Enhang Unit
17.25. Mechanization of Small Enhang Unit
17.25. Medicin Fishung Gear of the World 1
17.00. Defenition of Small Enhang Unit
17.00. Defenition of Small Enhang Unit
17.00. Defenition of Small Enhang Unit
18.50. Defenition of Small Enhang Unit
18.50. Defenition of Fishung Gear of the World 5
18.50. Defenition of Fishung Gear
18.50. Defenition of Fishung Unit Work
18.75. Defenition of Fishung Vessels
18.60. Defenition of Fishung Vessels 43.75 (4.66) (6.50) (2.60) (17.75) (5.50) (2.50) (2.40) (14.50) (12.50) 411.59 43.25 42.75 42.60

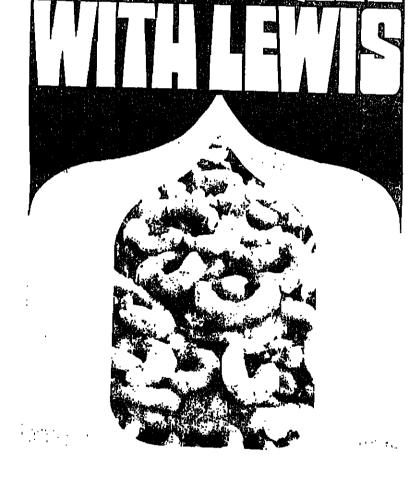
TO ORDER ANY OF THE BOOKS TICK THE APPROPRIATE BOX(ES), COMPLETE THE SECTION BELOW AND SEND THE WHOLE ADVERTISEMENT

To: Fishing News Books 1 imited, 1-1 mg Garden Walk, Farnham, Surrey, Fugland, (Recistered in England No. 4) 2078) (Rec. office: I ee House, London Wall, London FC2.)

Please forward the books marked for which I enclose I

melishing 5% for postage and packing

Same (Use block letters please)



# Gives food that "touch-frozen" freshness and appeal.

With a Lewis built \*FREON freezer, you get a food Products delicate in texture and flavour such as product that is 'crust frozen' in seconds by direct shrimp, asparagus, cob corn, breaded products, contact with FREON freezant. This means that fruits, fish products are all processed quickly and freezing takes place in an airless atmosphere ensuring minimum dehydration.

The fast "TOUCH-FREZE" prevents clumping and because, with a Lewis-built FREON freezer, the mendous product appeal with locked-in freshness. again and again.

efficiently, retaining their original mouth-watering

sets the shape, resulting in a product that has tre-majority of the freezant is recaptured and used

Get all the facts on quality, quantity and economics by contacting

# **LEWIS REFRIGERATION CO.**

32A Rose Lane. Norwich, NR1 1PN, Norfolk, Telex 97101 Exclusive Continental European Sales Agent: Friederich Justus & Co. Danziger Str. 17, D-2 Hamburg 1, Germany



U.S.A.: Lewis Refrigeration Co., Woodinville, WA · Portland, OR · Houston, TX · Minneapolis, MN · Atlanta, GA · Los Angeles, CA · Tulsa, OK · Malden MA organisms that survived the potential dangers of such a potential dangers of such a country of the control of the potential dangers of such a country of the control of the potential dangers of such a country of the control of the potential dangers of such a country of the control of the potential dangers of such a country of the control of the con

4) improved packaging and further safeguard of cook

new processing; and 5) labelling of even the

same conditions being in

look and training sailers and



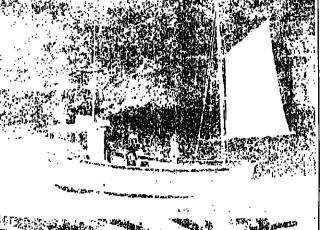
THE LATEST boat to be Light of Helford is the fourth built by the Gerald Pearn Gerald Pearn boat owned by yard at Morval, Looe, the Kirbye of Helford. In Cornwall, is First Light of 1975 Victory of Helford was Holford for Ben Kirby. delivered and is now run by With a length of 39ft, and crew of four.

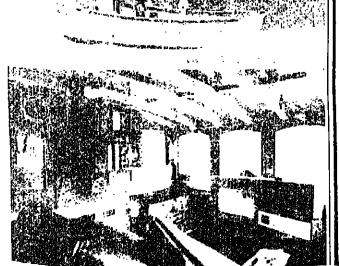
beam of 13ft., she has a forward wheelhouse with four

She is fitted with a Gardner SLXB engine of 170hp and has a 'Sailor' T121E/R105 and 'Sailor' VHF R/T144 radios, Kelvin Hughes MS44 sounder, Decca Cetrok 901 autopilot connected to the Wills Hydraulic dual station steering and a Decca 101

At the time of delivery her only deck equipment was a Fishing Hydraulies net and until the winter season when First Light of Holford (below) is further equipment will be now working ray nets. Above: litted. She is now fishing ray the large deck area of the

nets in deep water. With a crew of five. First side her forward wheelhouse.







Forthcoming Titles

Price and publication date not yet fixed but will be sent as soon as possible to those rate to ted. For confirmation of order to ensure priority in despatch when published

Please use furnial foot of page

# Available Now

# Order Form

Ref. 8/10/76

FREE CATALOGUE Sent on Request [7] Tick here

234,525: Grampian Chieftain,

North-Star (Sk. R. Leiper), S, 1,784 cwt., 13 days. £29,262: Velia, Marr (Sk. J. McKay), 1,462 cwt., F, 15 days. 125,785: Pindarus, BUT (Sk. J.

Glasgow), 1,181 cwt., S, 10 days.

Parker), 1,083 cwt. F, 14 days.

£25,181: Jasmin, Wood (Sk. E.

£19,138: Coastal Empress, North

(Sk. J. Ketteringham), 488k, NS, 11

£12,074: Boston Shackleton, Boston

£20,636: Ben Strome, Irvin (Sk. E.

Jamieson), 30,537kg, F, 14 days.

£10,726: Ben Glas, Irvin (Sk. S.

Sheader), 23,392kg, NS, 13 days. £4,100: Nimrod, AF (Sk. R. Cassen), 2,800kg, NS, 10 days.

Horne), 6,469kg, NS, 3 days.

Star (Sk. W. Morgan), 910 cwt., S. per lost, kit.

ent with most bearing the second

# Catches and Prices

# TOP LANDINGS LAST WEEK

### GRIMSBY Distant water

£52,523: Barnsley, Consol (Sk. J. Hodson), 1,681k, WS, 22 days. Danb £52,180: Spurs, Consol (Sk. W. G. Hardie, Jnr.), 1,886k, WS/NC, 21 HULL days. £40,061: Northern Reward, BUT £89,450: Hammond Innes, Newington (Sk. W. Brettell).

days. £26,872: Boston Kestrel, Boston (Sk. G. Evans), 934k, NC, 22 days. days.

£24,234: Ross Cheetah, BUT (Sk. T. days. Ross), 830k, W. 16 days. £21,174: Ross Zebra, BUT (Sk. R. £21,174: Ross Zebra, BUT (Sk. R. Stipetic), 1,125k, NC, 20 days. £9,605: Arctic Challenger, Liston (Sk. F.W. 15 days. £9,605: Arctic Challenger, Liston (Sk. K. Grubb), 2,561k, HW, 4 by), 782k, F/W, 15 days. £18.240: Ross Kipling, BUT (Sk. D. Keetley), 586k, W, 15 days. £17,904: Sando, Taylor (Sk. N. Seiners Bray), 613k, W, 14 days.

### North Sea

£9,251: Tom Grant, Lindsey (Sk. A. Wraith), 335k, NS, 13 days. £7,334: Lofoten, Lindsey (Sk. A. Hatton), 258k, NS, 14 days. £6,290: Loveden, Lindsey (Sk. G. FLEETWOOD Ireland), 224k, NS, 13 days.

£8,959: Walpaul, Consol (Sk. C. Madsen), 236k, NS, 17 days. £6,443: Beverley, Allard Hewson Homewater ## Homewater | E5,353: Seautous, AF (Sk. R. | Were delivered. Average sell- | SELECTED lobsters, £380: | McBain), 6,408kg, NS, 3 days. | E28,044: Boston Stirling, Boston. | CSk. W. Bridge), 885k, 11 days. | E3,353: Seautous, AF (Sk. R. | Were delivered. Average sell- | SELECTED lobsters, £380: | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | Were delivered. Average sell- | SELECTED lobsters, £380: | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | Were delivered. Average sell- | SELECTED lobsters, £380: | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | Were delivered. Average sell- | SELECTED lobsters, £380: | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Seautous, AF (Sk. R. | McBain), 6,408kg, NS, 3 days. | Sorensen), 160k, NS, 18 days.
£4,940: Linda Lise, Richardson (Sk. E9,224: Wyre Revenge, Wyre. (Sk. Crawford), 2,370kg, NS, 3 days. £4,734: Anne Scott, Allard Hewson (Sk. M. Dam), 133k, NS, 18 days. £4,486: Edith Borum, Danbrit (Sk. G. Hoban), 120k, NS, 17 days. £4,232: *Genara*, Sleight (Sk. W. Murray), 121k, NS, 17 days.

Pair teams

£15,165: Jean Scott (Sk. P. Scott),
574k., and £14,664: Golden Venture
(Sk. A. Pulfrey), 537k., both John

D. NS. 19 days.

£4,007: Replemsn, Ward. (Sk. W. Oldman), 220k, 14 days.
£4,135: Forards, Ward. (Sk. W. £2,240: Gec. T. Smith),
£3,251: Craignillar, Ward. (Sk. J. GRANTON)

Charlotte (Sk. R. Collins), 418k., £2,922: Resilience, Ward. Sk. D. £18,766: Arctic Explorer, Liston (Sk. J. Bailey), 101k, 13 days. (Sk. J. Banyard), 1,004c, R, 12 Bojen), 845k., and £8,202: Frances Bojen (Sk. J. Banyard), 72k, 14 days. (Sk. J. Banyard), 1,004c, R, 12 Bojen (Sk. J. Bishardan), 72k, 14 days. Bojen), 845k., and £8,202: Frances Hudson), 72k, 14 days. £15,986: Arctic Hunter, Liston (Sk. Bojen (Sk. J. Richardson), 343k., £783: Andrew Wilson, Hazel. (Sk. F. I. Smith), 705c, NS, 13 days. £9,427: Green Valley (Sk. R. Younger), Danbrit, 396k., and £8,379: Paul Antony (Sk. F. Josef-£9,427: Green Valley (Sk. R. Younger), Danbrit, 396k., and £8,379: Paul Antony (Sk. F. Josefsen), Richardson, 300k., both NS, 16 days.

KEY: I lociend: F Feroe Islands: W Westerlies: BI Bear Island: NS North Sea: W8 White Sea: NC Norway Coast: HW Home Waters: Is Irland: NC Norway Coast: HW Home Waters: Is Irland: WC West Coast: G Greenland: R Rookall: DW distant water: Sk. Skipper: K kits: c owt; kg kilo.

PORT MARKETS

HUMBER VESSELS DUE

Expected during the week from White Sea and Norway Coast: Blackburn Rovers, Northern Irom White Sea and Norway Gift, Ross Ramillies, Ros Coast: Arctic Vandai, Arctic Renown, Vianova, From Faroes Rebei, Faistaff, Loch Eriboll, and Westerly; Hondo, Okino, Osiko, Ross Kelvin, Ross Kelvin, Ross Kelvin, Ross Kelvin, Ross Kelvin, Ross Lynx, Yesso.

HULL

Expected during the week from White Sea and Norway Irom White Sea and Norway Coast: Arctic Vandai, Arctic

£8,856: Trendsetter (Sk. M. Jensen), 300k., and £8,573: Athabasca (Sk. A. Albrechtsen), 299k., both Danbrit, W, 16 days.

Newington (Sk. W. Brettell), 2,827k, NC, 21 days. 284,838: C. S. Forester, Newington (Sk. R. Taylor), 2,864k, NC, 22 days. 239,810: Kingston Amber. BUT

| EYEMOUTH | SCRABSTER | 150 | boxes from five best | c22/c24.80; medium codding, c22/c24.80; medium codding, c22/c24.80; medium haddock, c24; medium haddock, c24; small, c27/0/c25.50; lema signall, c20/c22; medium haddock, c24; small, c17.50/c22.50; small whiting, c16; large medium plaice, c16.50/c17; amail whiting, c16; large medium plaice, c15.50/c17; amail whiting, c16; large medium plaice, c15.50/c17; amail c17.70/c2.20; per stone. (Sk. W. Harris), 1,282k, NC, 21 Newington (Sk. W. Brettell), LOWESTOFT days. £13,881: St. Mark, East Coast (Sk. J. Kelly), 545k, NS, 13 days.

£39,810: Kingston Amber, BUT (Sk. M. Clarke), 1,470k, NC, 24 days.

625,881: St. Mark, East Coast (Sk. J. Kelly), 545k, NS, 13 days.

£13,881: St. Mark, East Coast (Sk. J. Kelly), 545k, NS, 13 days.

£12,700: St. Thomas, East Coast (Sk. J. Ketteringham), 488k, NS, 11

£13,881: St. Mark, East Coast (Sk. J. Ketteringham), 488k, NS, 11 £35,823: Portia, BUT (Sk. B.

£7,516: Visborg, Boston (Sk. V. Jensen), 227k., 19 days. £7,432: Sonderborg, Boston (Sk. M. NORTH SHIELDS Jensen), 221k., 18 days. £868: Kronborg, Boston (Sk. H. Dam), 21k., 16 days.

White Sea and Norway Coast £38,638: Boston Explorer, Boston. (Sk. W. Anderson), 1,377k, 24 days. £3,839: Fruitful Harvest, AF (Sk. C.

H. Pook), 291k, 15 days. £8.045: Saxon Forward, Ward. (Sk. MILFORD HAVEN D. Noble), 327k. D. Noble), 327k. £6,203: London Town, Hewett. (Sk. Simpson), 131k, 12 days.

P. Weirman), 284k, 14 days.

£4,907: Mount Melleray, Wyre. (Sk. W. Spearpoint Snr.), 240k, 17 days.

£3,228: Picton Sealion, Norrard. (Sk. T. Salter), 72k, 13 days.

Jackson), 106k, 13 days. E12,375: Laurids Skomager (Sk. J. £2,965: Resound, Ward. (Sk. C. £20,864: Arctic Invader, Liston (Sk. McColl), 380k., and £12,983: Ann Pook), 101k, 13 days.

J. Robb), 1,052c, NS, 14 days.

# Thompson), 25k, 5 days.

GRIMSBY

A fair supply of 4343, kits
from 9 boats met a good demand. Prices: shelf cod,
23.80/24.40; codling, 23.80/24;
large haddock, 23.50/24;
medium, 23/23.70; small,
22.20/22.50; large plaice,
22.80/23.0; medium, 22.40/23;
best small, 22.80/23; lemon sole,
28; medium stinned dogfish, 26;
reds, 21.30/21.60; saithe,
21.60/21.70, per stone.

codstuffs or bulk haddock.

FLEETWOOD

Prices: cod, 23 2/240;
haddock, 23/520/24;
haddock, 23/520/23; lang, 227/229;
haddock, 23/240;
homemarket at £15/220. Mostly
to coalfish, 216/223; hake,
29.4/£100; dogfish, 216/224;
monkfish, 234; roker, 221/246;
whiting, 215/227; gurnard,
21.80/21.60; saithe,
222/230; lemon sole, 250/252;
brill, 240/£60; per 10st, kit.

A DED THEM

MONDAY, MARCH 21

MONDAY, MARCH 21

MORTH SHIELDS

amall, 226.25; small, water vessels, Price ranges per 21.60/226.60; small, 226.25; small, 26.25; large haddeck, 10st. kit., heads on; shelf ced, 221.60/226.60; small, 226/229; 50kg.

Prices: | Sarge | Cod ling, tonnes at 25; klondyking, 18 tonnes at 28.75/22.50; large haddeck, 10st. kit., heads on; shelf ced, 221.60/226.60; small, 226/229; 50kg.

ling, £24/£31; tusk, £12/£18; saithe, £11/15.60; large haddock, £20.£36; medium, £20.70/£27; skate, £1.50/£2.90; lydg, £14.50/£20.80; lemon sole, £2.80/£2.90; lydg, £14.50/£20.80; lemon sole, £35/£74; per cief halibut, small, £13.20; per stone

A giant-sized 17 st. halibut was insided at Abertdeen this week and it sold for £231.20. It was caught by the Aberdeen vessel kinothin.

ANDAOATH

10 houts. Prices: selected to dock. £16/£17; small, £16/£18; file whiting. £14.50/£18; and The state of the s

10g. £28.507£40; harge naddock, c287£38; small, £187£22; large turbot, £140/£178; small, £557£62; whiting, £10/£30; lemon sole, £50/£70; sole, £140/£177; slips, £170/£200; brill, £40/£45; dabs, £16/£31; catfish, £20/£25; dabs, £16/£31; catfish, £20/£25; dabs, £16/£31; catfish, £20/£25; dabs, £16/£31; catfish, £20/£25; dabs, £1.20/£2.80; per slone.

120 boxes from 10 but Prices: cod/codling, £17.00fg baddock, £14.20/£15.40; while 12/112.60; per box; plain 12/11.50; lemon sol

12,074: Boston Snackets.

Sk. A. Jenner), 480k, NS, 11 days.

£11,895: Boston Mariner, Boston
(Sk. J. Williams), 459k, NS, 10
days.

£11,604: Boston Wasp, Boston (Sk.

£11,604: Boston Wasp, Boston (Sk.

£11,604: Boston Wasp, Boston (Sk.

£12,50/£27.70; roes, £4/£5; per stone; haddock, £16/£22; mediae to the first stone; to the first stone; to the first stone; to the first stone; £15/£18; small, round, £13,20/£15; per box. doglish, vs/v10; saithe, thite 350 boxes from five boats. per hov: lemon 10h Prices: cod. 13.30/13.40; haddek, 11.88/13.05; whiting, 11.50/13.40; skate, 12/13.40; skate, 12/ Longhorn), 62,709kg, F, 15 days.

Prices: cod. £3.30/£3.40; haddock. £1.50/£7; plaice, £3/£4; cdock. £1.88/£3.05; whiting, £1.50/£3.40; skate, £2/£3. 
£14,502: Ben Chourn, Irvin (Sk. T. £2.04/£2.50; megrims, £1.85/£3; but, £17/£18; per stone.

# BILLINGSGATE

LOCHINVER

ON TUESDAY 188 tons £3,353: Sedulous, AF (Sk. R. 60p /80p; soles, tongues, fl/(22, per 100, escallops, fl/( medium, £9,10/£10.50; small, £5,065: Rosevear, Norrard. (Sk. A. Simpson), 131k, 12 days. £4,400: The Jade Star Gypsy, Jones. (Sk. I. Brodie), 121k, 12 days. £4,80/£5.50; large helibut, £16,80/£18.20: modium, £1/20/£1.65; Canadian helibut, £16,80/£18.20: modium, £1/£0.80 16.80/£18.20; modium, snappers, 32p; hun sam, 4s; c19.60/£22.40; small, grey mullett, 44p; barbouni,63; c19.60/£22.40; sm a11. c9.80/£19.60; selected lemon solo, £6/£8; hoadless home water cod, £6/£6.60; fillets, shelf cod, £8/£8.70; bulk, £7.60/£8.20; celfab and flores fits beddings. £2,240: Georgina Wilson, Jones. (Sk. T. Smith), 58k, 11 days. coalfish, £3.60/£4.60; haddock, £7.30/£9.10; home water haddock gibbors, £5.10/£5.20; selected whiting, £2.60/£2.90; samall English dogfish, £6/£6.50; large, £7/£8.20; monkfish, £10.60/£11; fresh herrings, £2.90/£3.20; London cured dry haddocks, £18.10; golden dutlets, £6.40; filleted kippors, £4/£5.50, squid, £7.50; red mullet, £16.80/£18.20; herring, 42p, down \$5; sprats, 28p, down \$5; sprats, 28p, down \$6; sprats, 28p, up 1p, all per \$ki\$.

# HERRING REPORT

THURSDAY, MARCH 17 \$\frac{\(\text{E24.50}\) \(\text{E25}\); selected small, \(\text{E25.50}\) \(\text{E23.50}\); small, \(\text{E16.50}\); whiting, \(\text{E14.50}\) \(\text{E19}\); lemon sole, \(\text{E23.4.60}\); shelf haddock, \(\text{E24.50}\); coley, \(\text{E25.50}\); shelf haddock, \(\text{E28/E36.75}\); \(\text{E23.4.60}\); coley, \(\text{E28/E36.75}\); \(\text{E23.4.60}\); coley, \(\text{E27.20}\); \(\text{E25.50}\); \(\text{E23.50}\); \(\text{E21.20}\); \(\text{E23.60}\); \(\text{E28/E36.75}\); \(\text{E23.4.60}\); \(\text{coley}\); \(\text{E27.20}\); \(\text{E25.50}\); \(\text{E28/E36.75}\); \(\text{E23.4.60}\); \(\text{coley}\); \(\text{E27.20}\); \(\text{E28/E36.75}\); \(\text{E23.4.60}\); \(\text{E28/E36.75}\); \(\text{E23.4.60}\); \(\text{coley}\); \(\text{E27.20.22.60}\); \(\text{E28/E36.75}\); \(\text{E23.4.60}\); \(\text{coley}\); \(\text{E27.20.50}\); \(\text{E28/E36.75}\); \(\text{E23.4.60}\); \(\text{bergyits}\), \(\text{E27.20.22.60}\); \(\text{E28/E36.75}\); \(\text{E23.15.15}\); \(\text{No distant water plaice, halibut, bulk addock.}\)

\(\text{FLETWOOD}\)

\(\text{Prices:}\) codding, \(\text{E38.06/E4}\); \(\text{baddock}\), \(\text{E24/E33}\); \(\text{ling}\), \(\text{E27.20}\); \(\text{E23.50}\); \(\text{longer}\); \(\text{E21/E21.40}\); \(\text{klondyking. 12.20.20.222.60.}\)

\(\text{Viiinform apents 320 per 50kg.}\)

\(\text{Uniform and mazy to mixed in size. Spent. 320.400 per 50kg.}\)

\(\text{Uig:}\) two mixed in size. Spent. 380 per 50kg.

\(\text{Uig:}\) two trawlers, alx tonnes; two trawlers, alx tonnes; homemarket at £18.60. Mixel is trawlers. 16 tonnes; two trawlers, alx tonnes; homemarket at £18.60. Mixel is trawlers. 16 tonnes; two trawlers, alx tonnes; homemarket at £18.60. Mixel is trawlers. 16 tonnes; two trawlers, alx tonnes; homemarket at £18.60. Mixel is trawlers. 16 tonnes; two trawlers, alx tonnes; homemarket at £18.60. Mixel is size. Spent. 380.per 50kg.

\(\text{Mallagy:}\) two trawlers, alx tonnes; homemarket at £18.20. Mallagy: two trawlers, alx tonnes; homemarket at £18.60. Mix

TUESDAY, MARCH 22 .

WEDNESDAY MARCH S

Uig: Tour trawlers, 22 tonget
homemarket at £17. Mixed in
size. 380/420 per 50kg.

Mallaig: four trawlers, 33
tonness; one purset, 12 tonges;
homemarket at £15.60/£18.90;
homemarket at £15.60/£18.90;
Slightly mixed to mixet by and
Spent, 360/500 per 50kg.



A STATE OF THE STA

Steve Lovewell, a scientific officer at Burnham, shows oversess students how to tag a lobster.

THE Fisheries Laboratory at Burnham-on-Crouch was host last week to a party of 16 overseas fishery officers studying for a Diploma in Fisheries Management at the Grimsby College of Technology.

Teturned with 12,941 plocks or bounds straightforward White Seas Grimsby freezers had either in fish products.

Grimsby freezers had either in fish products.

Grimsby freezers had either in fish products.

She had been out 11 days (450 tonnes), had also helped Westerlies and up to the made to guarantee a hasic

of shellfish resource manage- were also visited and the was coley, but it also included

Dr. Eric Edwards, head of shellfish samples are field of stock surveys.

ONE stage in February Peterhead was the leading Scottish port for both the weight and value of white fish landed since the beginning of the year.

predicted that Peterhead would soon be top white fish port, some sections of the industry have pointed out that the figures published in whereas at Peterhead there Fabruary did not give a true were no such restrictions.

Aberdeen has now regained year, is already inadequate Most of the sprats were of

daily by seiners working only Figures up to March 5 show space.

a few miles out, whereas at that 237,508 cwt. of white fish

Boats Aberdeen — because of the New Year break and the larger trawlers going further afield — fish did not come into port in any quantity until about the middle of the whereas at that 237,508 cwt. of white fish demand good fishing was sold at Aberdeen for £4,260,611, while during the same period 216,268 cwt. of white fish demand was high all the time.

During the month 198,620 cwt. of white fish sold for cwt. of white fish demand was high all the time. about the middle of the With a trickle of new boats 23,723,096, as compared with

skippers also other ve

period of 1976.

Some of the larger\_boats

went as far as the Bergen Bank, while others have

picture.

Aberdeen has now regained year, is already inadequate

During the early part of its position as top port, but

January big catches were Peterhead is still not far are in the pipeline to build a freshing. Also during the landed at Peterhead almost behind.

Guily came into use last reterilead.

Most of the sprats were of year, is already inadequate good quality and went for are in the pipeline to build a freshing. Also during the further 300 ft. of market month the big Danish in-

their own country.

point out that they could not herring and sprats to white land more than 12 cwt. of un-fish operations, facilities at gutted haddock per trip, Peterhead are stretched.

J. VICKERSTAFF & CO. LIMITED Birmingham's LARGEST Wholesale Fish Merchants and Scottish Salmon Specialists

BIRMINGHAM NEW WHOLESALE FISH MARKET, 14, 27, 28, 29 FISH AND POULTRY MARKET, PERSHORE STREET, BIRMINGHAM 85 GUH Telephone (021) 822 1827, (021) 822 1828, (021) 622 1828, (021) 822 1828

## ALL SHELLFISH

Daily Consignments Required R. BLOOMFIELD (Billingsgate) LTD. 127-128 BILLINGSGATE MARKET EC3 Daily Sale Accounts. Phone: 01-626 7320, 7749, 4830. LABELS SENT ON REQUEST.

The course at Burnham in-Sections of the marine en-cluded lectures on all aspects vironment protection division A major part of the catch over 60 tonnes of plaice. Commanded by Skipper group saw how fish and haddocks and codstuffs. Sister-ship Roman edoff the trip, like Roman, on

the shellfish section who monitored for metals and pol-organised the course, explain- lution of the sea controlled. Baskcomb), after her 1976. A spokesman for BUT told of that during their week at The students, who came incchanical troubles has also Fishing News it is very pleas-Burnham the fishery officers from a wide range of coun-were trained in modern tries including Fiji, Thailand fisheries management and several African states, techniques, including prac-techniques, including prac-were encouraged to discuss from just 64 days to over off-takes of cod to avoid tical demonstrations in the the problems facing them in the White Sens and Norway making inroads into our

stay

In fact, the freezers have

Two had discharged and

freezer at one berth) and two

more were waiting their turns

She had successfully tage of placing our vessels on due for discharging this week and had done very well at the of year."

1976, Goth. Skippered by with big catches of haddocks attempted a similar Westerly Greenland grounds when she Peter Crane, she had com- and coley. and coley. trip last year which had not sails this week.
paid off, and she had comInvincible will pleted a staggeringly short 50- Mean while Ross day trip on the Westerlies and Illustrious, the freezer unreturned with 12,941 blocks loading last week from a more out the cod situation with Farnes with varying level of pay for the crew dur-

quotas and taking full advan-

worked grounds lying some 40 miles south-east of Bard Head, Shetland, an area lavoured by the Peterhead

The landing figures for February include about 3,000 cwt. of sprats which were put ashore on one occasion by some small Moray Firth boats. They had been fishing just north of Aberdeen, but having met rough weather,

dustrial trawler Lumino landed a by-catch of white fish and the small Danish boat Juliette came in with shrimps. It is thought that Juliette may land shrimps at Peterhead regularly.

Big developments are ex-With a trickle of new boats 23,723,096, as compared with joining the seine net fleet, and 136,330 cwt. valued at only £1,856,821 during the same period of 1976.

Before there were restrictions on the landings of ungutted haddock (rounders) at Peterhead, demand for them was almost on a par with that for gutted fish.

In that as many as 90 boats from the fishery, which should be under-way by the end of March.

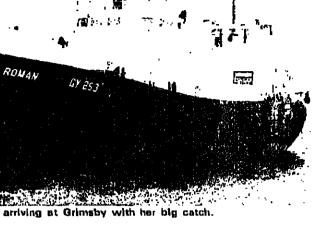
Many of these may well be boats from the Fraserburgh area which will be prevented from fishing for pout by the

Rounders had sold for up to 215 a box, while gutted fish from fishing for pout by the ban which came into effect ir

of the same size has only fetched up to £16. Many The larger Peterhead boats merchants are geared up to which have been working for handle rounders so they had aprats of north-east England no objection to buying them. are also expected to switch to

During February more boats fished further afield than they did in January, although many still found good shoals near home. animps.
These vessels had a successful shrimp season last year, but the big demand for shrimps will probably attract several more Peterhead boats to the fishery this season.

GLORIA WILSON



letely on very quick trips. managed to keep her cod other grounds where other BUT sailed *Invincible* for the One of those waiting and catch down to a minimum fish are available at this time west coast of Scotland last was Grimsby's top freezer in end of her trip on the coast He added that Goth had scheduled for the east

> Invincible will spend part pleted her voyage on other of her trip looking for blue grounds. Since then other ling - a species used mainly

# **Just add Wills-Ridley** Quicker deliveries and easier installations are just two of the benefits when you choose Wills-Ridley. And your customer gets a better built boat with utterly-reliable steering gear. Deliveries range from off-the-sholf to 20 weeks dependent on The range covers craft designed for rudder torques up to 52 tons/ft (16,000 kg/m) in three types: hand hydraulic, hand/power assisted hydraulic and power hydraulic. For boats ranging from 6-60 metres, Wills-Ridley is the gear to specify. Soud us the steering requirements of your next boat building job and we'll take it from there. Quickly. S.M.WILLS Marine Hydraulic Engineers

Design, Consultancy, Ultrasonic Testing, Stability Books made up to DTI Requirements Marine surveys of all types

1002 Winterstoke Road, Weston-Super-Mare, Avon BS23 3YG, Tel: (0934) 28114.

Telex: 449533 (Answer back: Steering Weston) Cables: Steering, Weston-Super-Mare.



London EC3A BAY, England. Telephone 01-826 5564. Telex 8811714 Woodship.

# GOLLOP TRAWLS The South-West's Trewl Net Fectory, MILIGREEN, LYME REGIS, DORSET

Telephone: Lyrne Regis 3820
Sottom and Wing Trawis, Peir Trawis, I.C. Pair and Single Bost Midweller Trawis, Bottom Pair Trawis, North See Shrimp Trawis: NEW PROM I.O. TRAWLS DENMARK: Tangle Nets for pisice, sole, bass, multet, cod. E.g. £36 for 46 fathom, ready to fish.

S.W. Agents for Europets.

Skegen Warp, Shackles, Floats, Swivels, Orange P.E. and Blue

Floating and leaded P.P. ropes.
All at cash and parry prices.

Tel: 01-353 6961

Telex: 21977

Classified Advt. Dept., Fishing News, 110 Fleet Street,

particulars supplied together with asking price BPP Fish Selling Co. Ltd., 27 Herring Market, Lowestoft telephone: Lowestoft 64390 or Shipdham 702 (Norfolk).

50ft., 95hp., Gardner, trawler

75ft., 152hp., Gardner, 64ft.

114hp Gardner.

53ft., 150hp., Gardner, trawler 67ft., 320hp., Caterpillar, trawler

All enquiries to: D. M. Talt.

Tel: Fraserburgh 2280

# VESSELS FOR SALE M.B. "ORION" (LK.304) MVF "Girl Christian" (KY.134). Length of hull 521t. 6im., breadth 17ft. 3im., depth 7ft. 2im., tonnage 27.91, lugger, mizzen sale, pitch pine and oek on oak, Kelvin 6 diesel overhauled recently including new pistons and liners, additional propend gearbox for auxiliary engine if required. Special features include heavy ondeck winch with steel atrengthened bow and casing forward lifting, Columbian pine deck, ecraped, corked and glued last year. Accommodation eight bunks aft., ideal flishing parties, commercial fishing, diving mooring, lifting and general salvage work, owner sell reluctantly owing to long term illness. Vessel lying Tregatreath, Six Turnings, Mylor, Nr. Falmouth, Cornwall, owner can be contacted Slough 43367.

Built MacDuff Engineering Co. 1957. Overall length 69.5ft., breadth 19.5ft., tonnage 45.88, Gardner 152hp, new platons and liners 1975, new crank shaft 1976. Re-conditioned Sutherland sk speed winch and Becoles coller installed 1976. Rope bins and iberciss 20in. power block installed 1974. Bost's property: MS29 and watchkeeper On hire: Decca 12, K.H. VHF 17 radar and range marker. Atlas scope, Woodsons R/T. Vessel is rigged for sains net and a quantity of gear to be sold with the craft. Vessel is well maintained and is presently fishing from Shetland. L.H.D. LIMITED

5 Alexandra Buildings, Lerwick. Telephone: Lerwick 3768. Telex: 75398 "GIRL VENESSA" built 1974, STREL beam trawler "Chandelle" (LT.117), built 1958, length 84.8ft, G/T 91-0 beam 19ft. 6in., draft 10ft. 3in., engine Kromholt 405bp new 1969, vessel operating Lowestoff where she can be inspected. Further particulars supplied towarts with the state of the state o

"GIRL VENESSA" built 1974, 30ft. x 10.5ft. x 2.9ft., engines Lister 45hp and 15hp wing, hydema net and line hauler, Atlas echo meter, Sailor receiver, Westmineter VHF on hire. Decked iroke on oak 1976, mizzen, Calor rings and deckwash, £7,100 cash. WFA loan and grant transferable. Bassett Brothers, St. ives, Cornwall. Telephone: 6098.

33ft. fast sports fisherman, based on Lechin hull, completed September 1976, powered by 250BHP Ford Turbo-Plus diesel approx 18 knots. Equipment includes Seaveyor radar, Cetrek auto pilot, Simrad EY sounder, Seavoice R/T., electric cepstan, Morse controls, Wyn straight line wipors, Kent screen, all under maker's warranty. Electric compass, Sumlog. Full instrumentation, electric and manual bilge pump, deck wash, stainless tanks and fittings, spot light, horns, cooker, heater, flush toilet and four berths, numerous other items. Mooring until April 1977, £19,500 or best offer. Telephone: Brighton 590439. 32.8ft x 10ft, beach coble "Valhalla", 1964, Parsons Porbeagle, straight drive, tunnel, WY198 Brit Hauler, Anderton PTO, Kelvin Hughes MS33 sounder, aluminium tripod mast, desk navigation lights, auto bilge pump, full dodger Redcar 4128, 14,000 ready for sea.

FOR sale, MFV "Clipper", built in Halso, Sweden in 1982 of oak on oak. Registered dimensions 79.9 ft, x 21.4 ft. x 8.7 ft. draught with full tanks about 12 ft. profess 50 km LV. "CHILDRENS FRIEND" "CHILDRENS FRIEND"
(BZ64), 28ft.6in. x 9ft.6in. x 3ft.9in., built 1968, larch on oak, 80hp Ford engine as new, Seavoice VHF bont's property. Kelvin Hughes MS39 and Decca mark 21 on hire. Gaff mizzen, fishrooms throughout. Telephone: Penzance 3629 evenings.

X5.7tt. draught with full tanks about 12ft., engine 528 type Deutz diesel, totaleble pitch propellor, main winch J. W. Berg, Halso, Sweden typical Swedish deck rig, with net winch and starboard side gallows. Enquiries to G. Doylo, 86 Moor Road, Kilkeel, Co. Down BT34 4NQ. N. Ireland.

# M.B. "AQUARIUS" (FR.55) Length overall 78ft., registered 72.8ft., breadth 22.5ft., depth 10.5ft., tonnage gross and natt 82,16. Built by Forbes Sandheven

Fitted with Stork 500hp diesel engine, Petters AVA2 auxiliary. Fitted with Stork 800hp diesel engine, Petters AVAZ auxiliary. Mastra hydraulic combined heavy duty winch, Tenjford power assisted hydraulic steering, Sharps auto pillot, Rapp 24in, power block, Simrad Sonar and scope, Elac echo meter and flahlupe, Sallor SSB R/T, Decca 914 and Decca 050 radars, Woodsons talk back, Mermaid watchkeeping receiver and liferaft radio, Sallor 56 channel and Woodsons 18 channel VHF — All bost's property.

Deca Mk 12 and plotter on hire.

Vassel equipped for herring pair trawl and white flah trawl.

Meantime fishing west Scotland. Reasons for sale new vassel

on order.
Further particulars on application to Geo. Walker & Sons
(FR) Ltd., 119 Shore Street, Fraserburgh with whom offers
should be lodged. Telephone: 3211.

fishing news

Classified Ad. Order Form

Number of insertions required: ..... Dates: .....

I enclose chq/P.O. .....(Please make cheques and P.O.'s payable

London EC4A 2JL.

"KALIMERA" 31ft. fin. cabin cruiser suitable for fishing parties and general duties. Built approximately 1968 to owners personal supervision and is a very good sea boat. Twin 2.2 litre BMC diesel engines and the usual equipment, best offer over £8,500 secures. Telephone: Porthcawl 3896.

MFV oak on oak, heavy construction, 59ft. x 18ft. x 7ft. 6in., built France 1962, 240hp Poyaud, rebuilt 1975, Masson gearbox 34:1 rebuilt 1976, Sailor T112 R105 radio, Kelvilt Hughes type 17 radar, Seavoice VHF. Atles 240 sounder all ship's property. On hire Mk21 and 350T plotter. Insulated fish hold, rigged scolloping or trawling. Offers around £17,000. Part exchange car or Caravanette or what have you. Box No. 528. have you. Box No. 528.

"SCATH ROS", 30ft. x 10ft.6in. x 2ft.6in., carvel bult 1972, forward wheelhouse, 72 hp Thorneycroft completely recon-ditioned March 1977. VHF. Atlas 240 sounder, PNP Duorr, capstan, mizzen, derrick, Jebsec deck wash and bilge, £7,000 cash, WFA loan and grant transferable. Telephone: Penzance 60166.

54 High Street, Fraserburgh, MV 61ft. x 18ft. x 8ft., wood, ongines main Gardner 6LX, wing BMC 38hp, sleeps ten in five cabins, hydraulic stoering, nuto pilot. Patter suxiliary engine, four toilets, one bathroom, large deck salton, electric anchor windlass, ship to shore radiu and eche sounder, engine completely rebuilt in January 1977 by Gardner Engines, offers telephone: Kirkwell 3041. STEEL RNLI 30ft. fishing boat, wheelhouse oft., flush deck, mast lights, P6 marine engine, D.D. Morse control, compass, cooker, fishroom, bueys, lines, anchors, many extras, £2,000 one or part exchange for bigger boat up to 40/45ft. Telephone: Grimsby 71154.

# MFV 'GIRL MARGARETT II' (CN.258)

Built of wood 1975 by MacKay Bostbullders Ltd., Arbroath. Length 60ft., breadth 20ft., depth 10ft. Main engine 430hp Baudouin, also fitted with Kort nozzle, Sutherland dual winch, A.F. power block and rope bins.

Wheelhouse equipmennt includes boat's property: Decca auto pliot, RM916 radar, Simrad EQ38 sounder, Simrad VHF. Sallor R/T., Furuno F850 acho meter. On hire: Decca Navigator Mk21 and plotter.

A considerable quantity of gear is available with the vessel which is in excellent condition. Further enquiries and offers to

ASSOCIATED FISHERIES (SCOTLAND) LIMITED, 50 West Harbour Road, Granton, Edinburgh, Telephone: 031 562 5565.

LUDGATE HOUSE, 110 FLEET STREET

to "FISHING NEWS")

\* N.B. MINIMUM CHARGE FOR

All classifications 10p per word. Minimum charge £1,50, Six or more insertions at 9p per word. Box number: 60p extra. Photographs

EACH ADVERTISEMENT IS £1.50

Jan 2017 - 13

LONDON, EC4A 2JL Registered No. 521290 England

## FOR SALE BY PRIVATE BARGAIN M.B. "AQUILA" (FR.105)

- - WASHINGTO TO STEE MEV vacht | WASHINGTON TO STANDARD TO STANDA

All classifications: 10p per word, minimum charge £1.50.

Box number 60p extra. Photographs £2.50 extra.

All adverts under 7 insertions MUST BE PREPAID.

Telephone by noon MONDAY or write:

Six or more insertions at 9p per word, minimum charge £1.50.

Semi-display: £5.50 s.c.i. Six or more insertions at £5.00.

Length overall 80ft., registered 72.9ft., breadth 23ft., depth 12ft., temps gross and nett 79.07. Built by Forbes, Sandheven, 1972.
Fitted with Caterpillar 850hp engine, 130hp Kelvin auditary.
11 ton Norwinch. 48 ton Kermoy winches. Triplax power bloot and transporter, boom swinger, Taniford power essated hydraulis slasing.
Occa 350 auto pilot, Else acunder and scope, Weemer soner, Escent meter and fishtupe, Simrad net sounder, Sallor 85 channel and 15 channel VHF's, Sallor SSB rft., Decca 914 and Decca 080 reders, Woodson to back. Mermeld watch keeping receiver and tife raft radio, all bars, property.

property.

Docca Navigator Mark 21 and plotter on hire.

Vossel equipped for herring pair trawl, purse saining and white fish into
Meantime fishing West Scribtand. Reserve for sale new vessel on sale.

Further particulars and application to
Geo. Walker & Sons (FR) Ltd., 118 Shore Street, Frasshop

23ft. IP built in excess of he duty hull with one lost to freeboard. GRP ribs every to decked and acuppered, whether aft and mid ships, fitted for traviling with half ton travillness to the constant of the constant

25ft. GRP 1975, 60hp, når

VIII., sounder, trawl wind in No. 537.

BOff. steel side and beam for built 1964, 360hp engine ordal by nunkers 1976, LSA and he st-ment new 1977 to DTI state. Would Consider exchanging to vessel. Empiries: Fleetwood 50 3801

"SHARON

ROSE"

(LH. 102)

Built Jas. N. Miller 1968.

tonnage 34. Gardner BL3B 230hp.

Longth 60ft., breadth 18h.

Hydraulic seine-trawi wind

coller fitted rope bins. Power block, hydraulic steels

PORT SETON

Telephone: 0875 81234

All extensively overhauled

32ft. x 11ft.6in. x 4ft., stern trawler/potter, built 1972, iroko on oak, Ford 6D 2:1 hydraulic gearbox, half ton Brixham trawl winch, PNP Duerr capstan, fuel capacity 160 gallons, 12 and 24 volt electrics, EMI radar, Redifon MF., Kelvin Hughes MS39 echo sounder, 12,000. Telephone: Christchurch 4052.

## NO PROMISES

32ft. purpose built fisher built Norway 1966, Ford of & engine 2:1 reduction gearbaran. PNP Duerr pot hauler Rade n somether on hire. £4,750 including and delivery. Telephone: fet. 2723 after 7 p.m. or with L. Mencage Street, Helston, Const. but a chancel I regularly buy and sell fishing vessels from and to Britain. ours could be among them! HANS-ROBERT JOEL Master Mariner

Sulidorfer Weg 28 2000 Schenefeld/Germany dial direct: 010459-965400 0104940-8307652

46ft. x 14ft. x 5ft. 2in., MPV., 1954, two years to DTI, rigged line and trawling. Mercedus-150hp. Hosoh hydraulics, four drum winch, Kelvin Hughes 17 rader, Elac sounder, VHF MF radios, all bont's property. Trawls and gear. Boat presently working, £8,500. Application to W. Crago, 10 Hill Lane, Barnhy, Nr. Boccles, Suffolk.

28ft. open coble, 1973, Lister water cooled 44.5 engine, North Sea hauler. VHF on hire, 23,600 plus WFA grant and loan transfer. Telephone: Whithy 4455 or 2870.

STERN trawlor 36ft. 6in. x 12ft. 6in. x 4ft., heavily built carvel iroka, three-quarter ton hydraulic winch, 120BHP Ford diesel, hydraulic box, forward wheelhouse, two borth cabin, Seavelee, Seafarer, Calor cooker, sea tollet, deck wash, iroko deck, licensed 12 anglors, built 1975, uaused six lathom trawl, c17,000 one. Telophone: Briton Ferry, Glamorgan 813648 after 6pm.

30ft. x 10ft. 6in. x 4ft. 6in., clinker, larch on tank, fully docked, Porkins 4.238 84hp diesel, aft wheelhouse, accommodation forward, Ferrograph sche sounder, Seavoico VIIF, Sonita R.D.F., Avon liferaft, \$\frac{1}{2}\$ ion trawl which and gantry all D.T.I., geor valued 25,500, offers over 24,500, telephone St. Margarets Hope 291.

throughout.

CLINKER built rowing/outboard dinghies in mahogany on oak, built to order, but have one 10ft, ready for immediate delivery, 10ft. 2200: 12ft. 2550: 14ft. 2325. H. H. Benson, Boatbuilders, Usk Road, Caerleon, Gwent NPGILP.

FOR IMMEDIATE SALE

"FRANCESITO" (WD.25)

Further information telephone: Wexford 32114

Built 1964 in Sables D'Olonne, France. In good condition

Baudouin heavy duty engine 200hp (new platons and their

August 1976), air bottle start. Auxiliary diesel general and compressor. Hydraulic steering installed 1876 December 101 marine reder and Simrad "Skipper" scho sound (both installed 1970). Type 65 A.J.S. trawl wind and Cossor Feetness and supply the costor Feetness and supply the

Cossor Fastnet radio telephone (both Installed 1971) 200 Laz echo sounder, S.T.E. radio — all above ship a property of the cost of the cos

with Precision range marker.

Overall length 62ft, Irish registered length 68ft, 16th, 7ft, 7in., breadth 18ft, 6in., tonnage 62

This vessel has a splendid trouble free fishing record, and the control of the fishing record.

is extremely economical to run, 4 trawi nets few presents, ropes, boxes, four pairs boards and miscellands fishing gent included in

fishing gear included in sale.

Available for inspection at Kilmore Quay Con Water

# Eino ocho sounder, fisher, radar, watch keeping man. boat's property. Sallor, VHF auto pilot on his. Docca MK21 Plotter. G. MOODIE & SONS 65 NORTH SETON PARK

29ft. Gin. steel workboat, built 1974 to WFA specifications, self draining decks, hydraulic winch, powerful deck wash, W.C., etc. Fast, 14fs, ideal for angling parties, £5,500 one. Telephone: Whitstable 272003.

28ft. ex. pilot boat, strong hull, pitch pine on oak, £1,500. onc. Kelvin diezel needs rebuilding. Telephone: Watchet 31345.

PISHING boat 25ft. x 7ft. x 2ft., carvel built forward wheelhouse, in-board petrol engine, sounder, ready for work, £850 for quick sale. Telephone: Harlech 516 (Gwynedd).

# **WEST COUNTRY FABRICATION CO.** LIMITED

**50 NOTT STREET, BARBICAN PLYMOUTH** 

Telephone: Plymouth (0752) 28486

Manufacturers of scollop dredges, vee doors, blocks rollers etc.

FREE ESTIMATES GIVEN BY RETURN OF POST. TRADE ENQUIRIES WELCOME

PROPELLERS new 16 x 12 t45.
2 x 8 x 35. Conversion parts
MC/Ford combined heat exchanger
nanifold from t58. Horg Warner gearoxes also overhauls, free advice and
Telephone Grimsby 50561. 12 x 8 x35. Conversion parts BMC/Ford combined heat exchanger ISME/Ford combined heat exchanger manifold from 158. Horg Worner gear-loxes also overhauls, free advice and civility. Telephone: Selsey 5601 (Sussex).

POLYPROPYLENE

FILM ROPE

(Black)

120 fms. (approx.) Coils 6mm dia. @ £4.30 each 7mm dia. @ £6.00 each 8mm dia. @ £7.50 each 10mm dia. @ £10.75 each 12mm dia. @ £14.50 each

arriage paid UK Mainland only

for Ireland or Off-shore Island

- NEW STOCK -

M.F.V. built 1948, 59.5ft. x 16.5ft. x 7ft., Twin Disc gearbox 270 hp 3:1, 5 ton winch, gallows, port-star hydraulic staering, engine perfect, quantity trawi gear, completely re-wired, modern bridge, whaleback, telephone Cleathorpes 0472 68700. IP 20.5ft. x 8ft., forward wheelhouse, Yanmar Y812hp, Ferrograph G500 Mk2, compass, lights, two surdies, strippers, sil new

**FSBPB** 

MB "CORONATA" (BF 30)

Built of wood in 1961. Overall length 70ft., registered length 66.8ft., beem 20.1ft., depth 7.9ft., tonnage 41.71. Vessel reengined August 1971 Kelvin 400hp. Ship's property: Decca Simrad sounder, Woodsons VHF., talk back intercom. On hire: Decca Mk12

Navigator, Decce plotter, Kelvin Hughes type 17 radar, Kelvin

Hughes range marker. Woodsons radio and VHF., Decca EQ sounder. Rapp power block, Jensen trawl winch. Quantity of

lishing gear to be sold with vessel.

CALEY FISHERIES GROUP LTD.

1/3 Debymple Street, Freeshurgh, telephone: Freeshurgh 3241/2 or weekends Mr. W. Alexander, Duff Street, MacDuff. Telephone: MacDuff 32580

Official and Classified

**ADVERTISEMENTS** 

Continued from Page 22

VESSELS FOR SALE

CONVERTED fishing bost 35ft., four berths in two cabins, w.c. compartment, galley, six cylinder BMC Commodore diesel, aft wheelhouse, ideal angling boat, can be seen on Clyde. Offers around 22850. Telephone: Kirkwall 3041 or Glasgow 21 129 3864.

INSHORE steel trawler R.L. 64.5ft., ABC engine 225hp. built 1964, well maintained. Further details Dolphin Fish Selling Company, Fish Docks, Grimsby, telephone: 51313. "SEA NYMPH" (CN.70). Built Miller, St. Monance 1949. Length 39.7ft., overall registered length 37.1ft., Gardner 8LX 110. On hire VIET 117. August 110. On hire 39.7ft., overall registered length 37.1ft., Gardner 6LX 110. On hire VHF type 17 radar, echo sounder Kelvin Hughes, Decca Navigator MK12, Woodsons wireless. Boats property liferait. Fitted for trawl, scallop, fishing gear included. Enquiries Colln Galbraith, Craigmore, Corradale, telephone: 602.

26ft. GRP lobster bost, forward offset wheelhouse, small cabin, self draining well-dock, 22hp Petters 2:1 Borg Warner gearhox, Millers pot hauler, North Sea travi winch, Senvoice radio, Ferrograph sounder, many extras. Telephone: St. Andrews 4735.

27ft. x 9ft. x 3ft., forward wheelhouse, 24hp Lister, Sailor VHF., Seawinch not/pot hauler both new 1876. Sounder on hire. Telephone: Falmouth 312522.

FOR SALE 36ft. ex. RNLI, 30hp

Thornycroft diesel, new att wheelhouse, VHF plus extras, im-maculate condition, £4,500, telephone Burry Port 2617 day, 3470 evenings.

WOOD stern trawler "Grace Emily" (LT-433), length 37ft 6in., tonnage 9.07, engine Gardner GXL 110hp, price £19,000 onto. Telephone: Shipdham 702 (Norfolk).

built 1973, aft wheelbouse, watertight radar, Perkins 1236 engine 2.1 reduction, Felephone, Freshwater

### FOR SALE BY PRIVATE BARGAIN MV "HELENA" (BCK 248)

Built of wood in 1967 by Herd & McKenzie Ltd., Buckie. Gardner 200hp engine, Petters auxillary. Overall length 71.8t., breadth 20.5ft., gross/nett tonnage 43.9., 24 volt lighting system. Equipment owned by vessel: Kelvin Hughes echo meter E29. Kelvin Hughes fishlups. Woodsons DSB radio telephons, Kelvin Hughes 2182 watchkeeping receiver, emergency lifeboat, radio telephone. Equipment hired: Decca Radar D202, Decca Navigator Mk12, Kelvin Hughes forland VHF. The vessel is in excellent condition and has been very successfully employed at seine net fishing, currently Saling from Peterhead. Written offers to be made on or before 16th April 1977.

Further particulars and receiving arrangements can be obtained from The Fishermen's Mutual Association (Buckle) Ltd., 19 mercial Road, Buckle, telephone: Buckle 32753.

FOR SALE

BRITISH Polar, considera

48ft. x 16ft. x 7ft. 6in., draught. MFV., "Espoir", oak on oak hull, 150hp Baudouin dissel engine, two ton trawf winch with warps. Decca radar, Sailor R/T., Ferrograph echo sounder, built 1954, sound, ready for work or conversion. 27 500 Telephone. conversion, £7,500. Telephone Melksham 704865.

POTTERS Petter PH2 15hp air cooled diesel, driving Crofts reduction box, capatan, complete with swivelling gantry and nylon blocks in good working order, 2550. Telephone: West Mersea 2975.

39ft. MFV stern trawler, built 1968, 120hp. radar, VHF, Kodan sounder, auto pilot, MF boat's proper-ty. Decca 21 on hire, £12,000. Telephone: Weymouth 72188.

quantity of new spare parts for "M.M." "M.M." and "E" types for sele. Price list on application to Robinson-Rollance, Grimsby, telephone 0472-41481.

32ft. engling launch, 2.2 BMC diesei engline, anclosed forward wheelhouse, ilconsed 12 passengers, 13,500. Talephone: Conway 2857.

add 20p per coll. Prices include 8% VAT. Cash with order. LONGFORD ROPES P.O BOX 16

"GAY VENTURE", 30 ft. crabber

## SOUTHERN NETS GILL NET OFFER Nets fully rigged with polypropylene rope, floats and leadline.

MONOFILAMENT

NEW 60 FATHOM trammel nets, fully rigged, 5ft deep, 2108; 3ft deep 288.40 including VAT, carriage paid, cash with order. C. P. Harvey, 58 Manor Road, Selsey, Sussex.

COMPLETE fishing gear z 50ft. trawler superb winch 400f new 2lm. marked galv. wire, new trawl doors, gallows. Details Kelvedon 70136 (Essex). 29ft. x 9ft. x 3ft., registered day fishing boet, aft wheelhouse, Coventry dieset engine, good sound condition, £1,250. Telephone: Torquey 35507

SMALL MESH NETTING 20ft. clinker built boat for sale, 10hp Saab diesel, first class condition, telephone: Lochinver 250. knotless new helpw lin, mesh sel fyke nets (H.OH. 1) rawn nets and fish farming gear to order. TRINITY SANDS NETS FRENCH MFV 45ft., radar. VHF., sounder, hydraulic steering, liferaft, etc., major refit including new engine and wheelhouse 1973. Rigged for long lining, good condition. 29,000. Telephone: Guernsey 26307. LIMITED Mons Mill, James Street,

York Telephone: 21199 3KVA Lister startomatic generator, offers are invited for above, excellent condition, serviced samually by makers. Rimmer, Ferry House, Kerrers, Oban, Argyll.

FOR SALE "Fifer" capstan, belt iriven, in good working order £200 n.o. Telephone Folkestone 58838,

LOBSTER and crab balt for as

# PLASTIC POT ENTRANCES EX. STOCK

10 in. 60p — 8 in. 58p (plus VAT and carriage)

## **DELMAR ENGINEERING** 20 Church Road, Selsey Telephone: Selsey 5123

## ENGINES FOR SALE

VIKING MARINE INTERNATIONAL are now offering 23-220 horse power

**GUARANTEED MARINE DIESEL UNITS** FORD - BMC - CUMMINS

HIGH-QUALITY MARINISATION PARTS ALSO AVAILABLE

> For fast, courteque, service contact: V.M.I. Piain Road, Folkestone, Kent Telephone: 57127 - Telex: 965281

> > FORD 4D 70hp marine engine. Borg Warner 2:1 gearbox. Flexible mountings. Instruments, completely overhauled, seen running, £850 onc. Also matching propollor. Exchange SSB radio. Telephone: St. Germans 422 Cornwall.

PERKINS marine diesel V2.95M, list No. 2:962, brand new, complete with instrument panel. Can be seen at North Sea Marine Rig Services, 20a Ugie Street, Peterhead. Telephone: Peterhead 4:567/6586. Current list price £1,675 two/three months delivery. From us it's ex-stock and 10°, discount.

GARDNER 61.3 114hp 900rpm 3:1 reduction, complete with tail shoft and propellor. All enquiries and offers to D. M. Tait, 54 fligh Street, Frasurburgh. Telephone: Fraserburgh 2280.

200hp 300rpm B & W Alpha diesel, four cylinder two stroke, built 1948 in class B.V. Can be seen running c/w air compressor, air bottles and many spares and tools, 12,850 or offer for quick sale telephone; Faversham 5251.

LISTER four cylinder, two years, as new, complete 3:1 box, owner buying lerger engine, approx 3000 hours. Telephone: Milford on Sea 2938.

NEW GARDNER 8L3B 230hp WITH TWIN DISC REVERSE & REDUCTION RATIO 3:1. Your old engine can be taken in pai

exphange
All enquiries and offers to:
D. M. TAIT
B4 HIGH STREET, FRASERBURGH
Telephone: Freserburgh 2280

DEUTZ diesel engine type SF8M 716, cranksheft damaged, cylinder heads, pistons, block and other parts suitable for sparos, cheap, Pox No. 535.

For cooking: SHELLFISH, LOBSTER, CRABS — Either on Shore or at Sea — Fired by Calor Gas or Electricity. Gardner Diesel Engines Sale and Service Gerdner appointed recommended repairs for Cornwell. Twin Disc and Fazagon gearboxes supplied, and spazes. Matriew Care, Mazine and General Engineer, Waves End, Baach Road, St. Ivas. Comwall. Tel. 6880. W. J. FARVIS & SONS LTD., Temple Works, Morley Road, Southville, Bristol 3. Telephons: 0272 666877 &

Established 1871

**FARVIS** 

PORTABLE

BOILERS

FOR sale: available large quantities of boiled and live crabs, year round supply. Box No. 434.

FOR SALE 12 long lines approx. 200 hooks per line, rigged for sea. Telephone Scartscrough G0115. TYRE cutters, cuts rubber strip grapnels, crospers and all types o pms. Tolephons: Blandford 4982.

King Chain Industries

(Worksop) Limited

Dukaries Industrial Estate

Claylands Avenue, Worksop

Suppliers of new and

reusable chain to the

British fishing industry

‡in. dis.-1in. dis. Long and short link

Self colour and galvanised STEEL BALLAST @ £80 per

tonne delivered Attractive blacounts Let us quote you

PLASTIC coated atest framed obser/crab pots slae creels, prawn reels, parlour pots, atore pots etc. relephone: Blandford 4982.

RECONDITIONED

**EQUIPMENT** 

075 Autopliot .....£1050 Atlas Monoscope £800

Echo Sounder 450 £825

Also limited number of

radår equipment VAT extra if applicable

**BROWN & PERRING** 

(Instrumentation) Ltd. GLASGOW 041 334 2256

LONDON 01 283 1889

Notte. 881 7BQ

LOBSTER pot bottoms supplied, HYDEMA KB-04 hydraulic po

LISTER 19.5 air conled engine, hydraulic genrhox 2:1 reduction, can he seen running, £350. Tolephone: Brixham 3341. GARDNER, Ford, BMC and other marine engines, over 50 units new, rebuilt, secondhand in stock. 3-3000hp at sensible prices. Send for price ilst. Belwether Engineering, Drayton Mill, Nr. Ablugdon, Ozon. Stoventon 567. **GARDNER ENGINES** Reconditional 4 6LW and 6LX.
Full range of spares fuel pumps, sprayers
(jilles and Jabbo water pump and parts
2 UC 3UC main shafts and parts for
1999 the 1999 the 1999 the 1999
GLAZEBROOK ENGINEERING
CARBIS BAY, 51,1956
Telephone 7301

CAT, engine new model D333 No. 66D5L44 RPM 2200 hp 200 complete with Twin Diac power take off apoc. No. 33593 134012 No. 2R 6914 and radiator. Telephone Canterbury 64782, price £0.500 plus VAT.

GARDNER marine engine 55hp with Independent Parsons 2.1 gear-box, also pair d/d Perkina 100hp gearboxes. Telephone: Newport, Dyfed 645 evenings. BORG WARNER Velvet Drive gentheses and all accessories of un-beatable prices with quick efficient service from Mersey Marine, 284a Old Chester Road, Birkenhead, Merseyside, telephone: 081 645 3969/3896.

6LW Gardner, 2:1 reduction, r1,780. Six cylinder Ford, 1850 Telephone: Torquay 27278. BAUDOUIN DNK 6 160hp we maintained including atorn gear. Air cooled Deutz 15hp driving reduction gearbox and capstan. Offers. Telephone: Salcombe 3142 or 2497.

FOR SALE

Four New CROSSLEY HRN3 Marine Propulsion Diesel Engines 240hp at 370 RPM, direct reversing, three cylinder, bore 10±in, x stroke 13±in, air start. Each engine is complete with all ancillary equipment including Mitchell Trust Block, built-in air compressor, water pump, blige pump, etc., etc. Adequate supplies of new spare parts are swilleble at extra cost. Price each unit 18,250 FOL ex warehouse. Each unit is packed in original

For further information please write or phone: K. BRANUM & CO. LTD., Grove House, 551 London Road, leleworth, Middx. Telephone: 01 580 3441.

## BUSINESS OPPORTUNITIES

### BUSINESS OPPORTUNITY. CHARTER ANGLING BUSINESS FOR SALE

This successful business is offered as a lucrative going concern. Based in South Devon, the fully equipped, 40ft. (1975) fishing cruiser is purpose designed and holds D.T.I. licence for 12 rods, Averag full off shore and 50 days inshore bookings. Many record catches. Deposits held for charters already booked for 1977 sesson.

For further information write or telephone: Joe Honywill, Heron Creek, Yealm Road, Newton Perrere, Davon, PLB 18J (0752) 872843

FISHERMAN with Reence, requires partner with capital to invest in angling and trawl fishing. Morcombe Bay area. For further information telephone: 039 17:77436.

## BUSINESS FOR SALE

ESTABLISHED angling charter and pleasure book business north west coast, modern GRP book; excellent advanta bookings for 1977. Price £9,000. Box No. 505.

# MARINE SURVEYS

SEA SURVEYS, 25 North Road Bristol BS6 5ALL, Prompt professional surveys and valuations. Stability, books made up to DTE approval so-cording to new regulations. All types anywhere. Bristol 43322 (24 hours).

## FOR HIRE

**Address** Signature

Block letters please